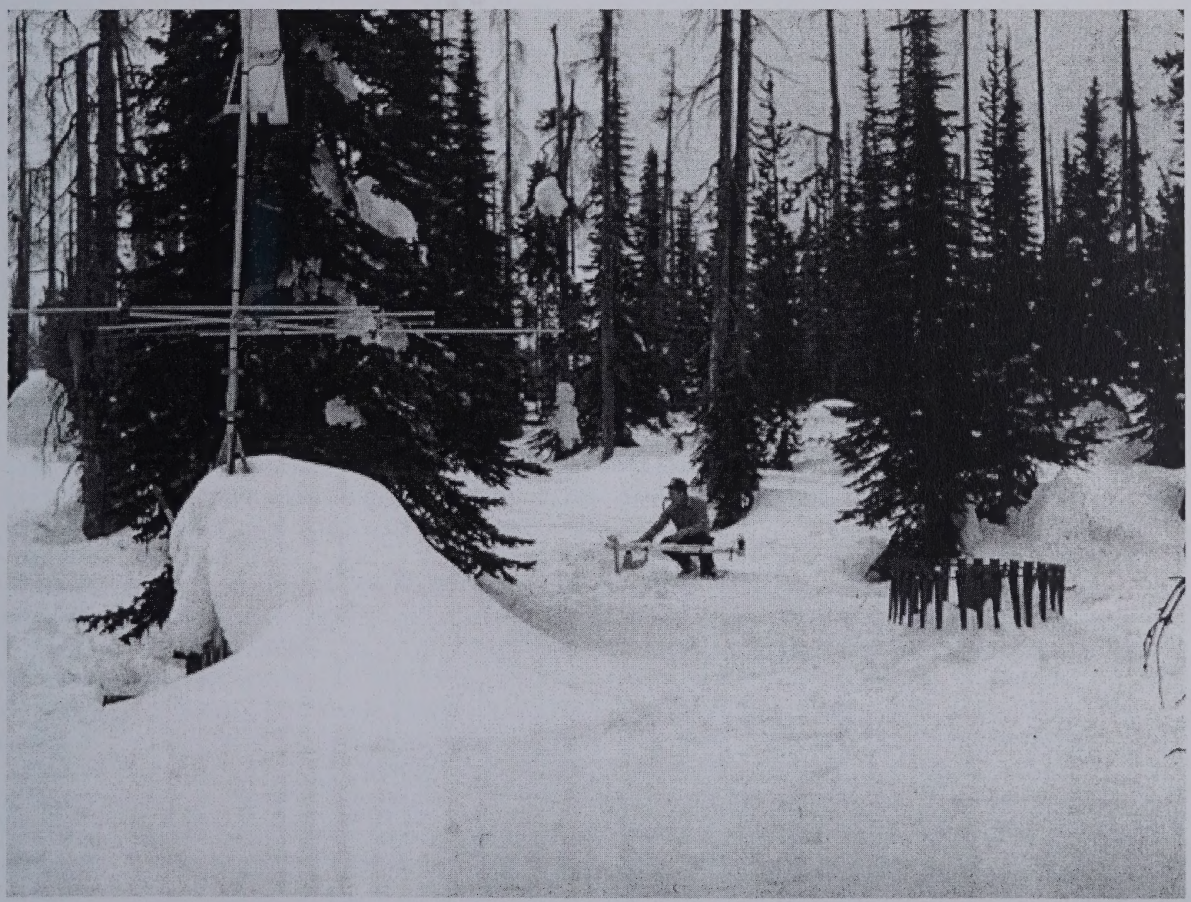
USDA United States Department of Agriculture

Natural Resources Conservation Service

Montana Water Supply Outlook Report February 1, 2005



Picture: Black Bear SNOTEL Site - Winter of 1997

Water Supply Outlook Report
and
Federal - State - Private
Cooperative Snow Surveys

For more water supply and resource management information, contact:
See Attached List

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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United States Department of Agriculture
Natural Resources Conservation Service
Bozeman, Montana

(406) 587-6811
10 E Babcock
Federal Bldg Room 443
Bozeman MT 59715

Where to Get More Information

This contact list provides you with the names and phone numbers of individuals who can provide more detailed snow survey information for each county.

Beaverhead County
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Evan Van Order
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Blaine County
Matthew Crampton
357-2320

Broadwater County
Karla Ware
266-3146

Carbon County
Gregory Evertz
962-3641

Carter County
Wayne Yost
775-6355

Cascade County
Mark Delperdang
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Custer County
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Daniels County
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Linda Peterson-Lohse
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Fergus County
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Matt Drechsel
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Garfield County
Sue Fitzgerald
557-2232

Glacier County
Mark Johnson
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Golden Valley County
John Rouane Jr.
323-2103

Granite County
Mary McDonald Pochelon
859-3291

Hill County
Deana Grabofsky
265-6792

Jefferson County
Julie Sacks
287-3215

Judith Basin County
Rick Caquelin
566-2311

Lake County
David Wolf
676-2841

Lewis and Clark County
Mindy Gauthier
449-5000

Liberty County
Dawn Wickum
759-5778

Lincoln County
Kirk Sullivan
296-2233

Madison County
Ole Berkram
842-5741

McCone County
Regan Fanning
485-2744

Meagher County
Tammy DeCock
547-3633

(over)

Mineral County
Tony Prince
829-3395

Missoula County
Tony Prince
829-3395

Musselshell County
John Rouane Jr.
323-2103

Park County
Ron Hoagland
222-2899

Petroleum County
Nikki Lott
429-6646

Phillips County
Lorna Philp
654-1334

Pondera County
Lanny Walker
278-3922

Powder River County
Carol Hilliard
436-2417

Powell County
Glen Green
846-1703

Prairie County
Bob Prongua
635-5381

Ravalli County
Lane Johnson
363-5010

Richland County
Jamie Selting
433-2103

Roosevelt County
Robert Bray
787-5232

Rosebud County
Rocky Schwagler
346-7333

Sanders County
Don Feist
826-3701

Sheridan County
Monica Friedrich
765-1801

Silver Bow County
Julie Sacks
287-3215

Stillwater County
Philip Sandoval
322-5359

Sweet Grass County
Chuck Roloff
932-5160

Teton County
Stacy Denny-Eneboe
466-5722

Toole County
Misty Vermulm
434-5234

Treasure County
Stewart Greer
342-5510

Valley County
Denise Wiedenheft
228-4321

Wheatland County
John Oiestad
632-5534

Wibaux County
Katrina Johnson
796-2211

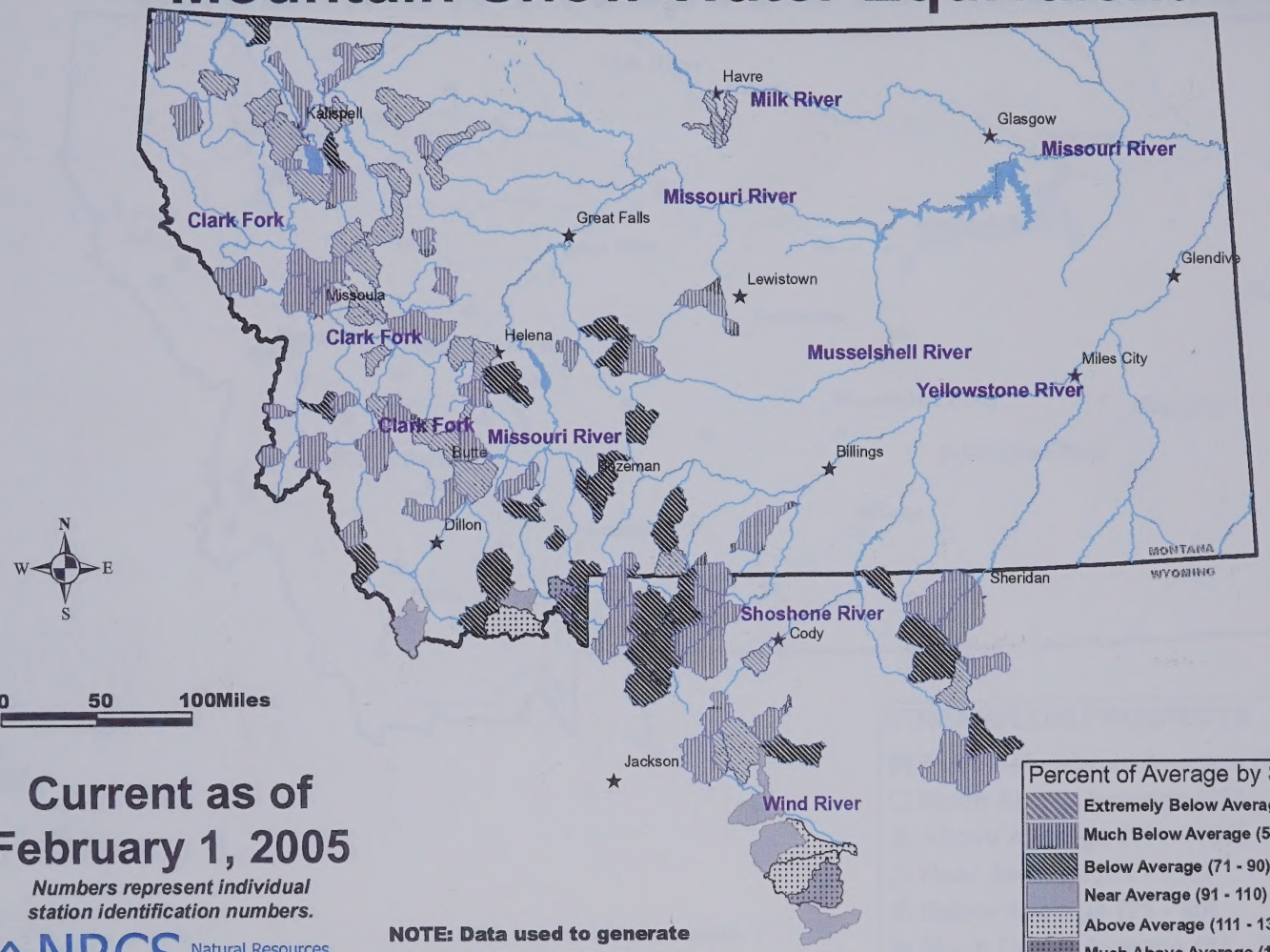
Yellowstone County
Valerie Roberson
657-6135

1/6/05

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Mountain Snow Water Equivalent



Current as of February 1, 2005

Numbers represent individual station identification numbers.

NRCS Natural Resources Conservation Service

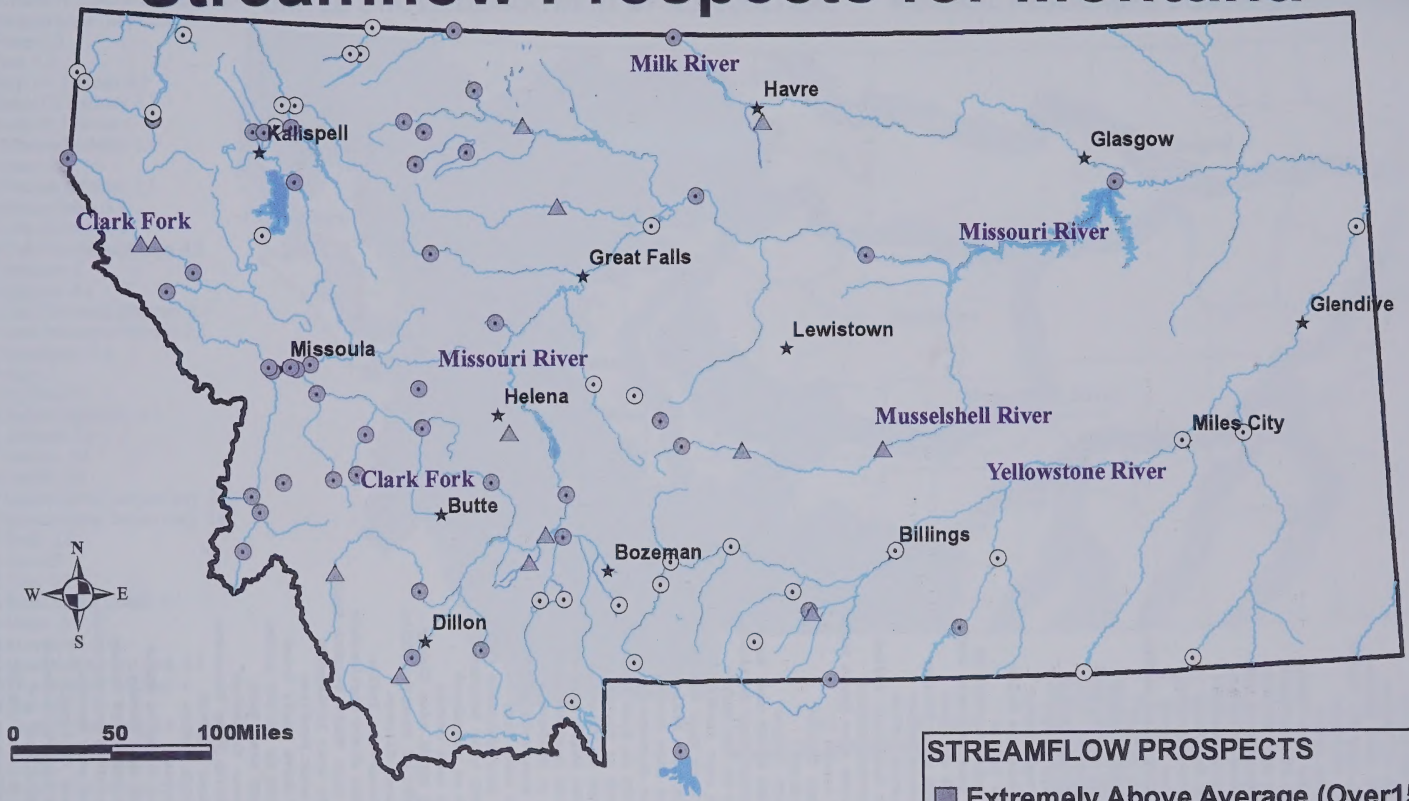
http://www.mt.nrcs.usda.gov

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Streamflow Prospects for Montana



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STREAMFLOW PROSPECTS

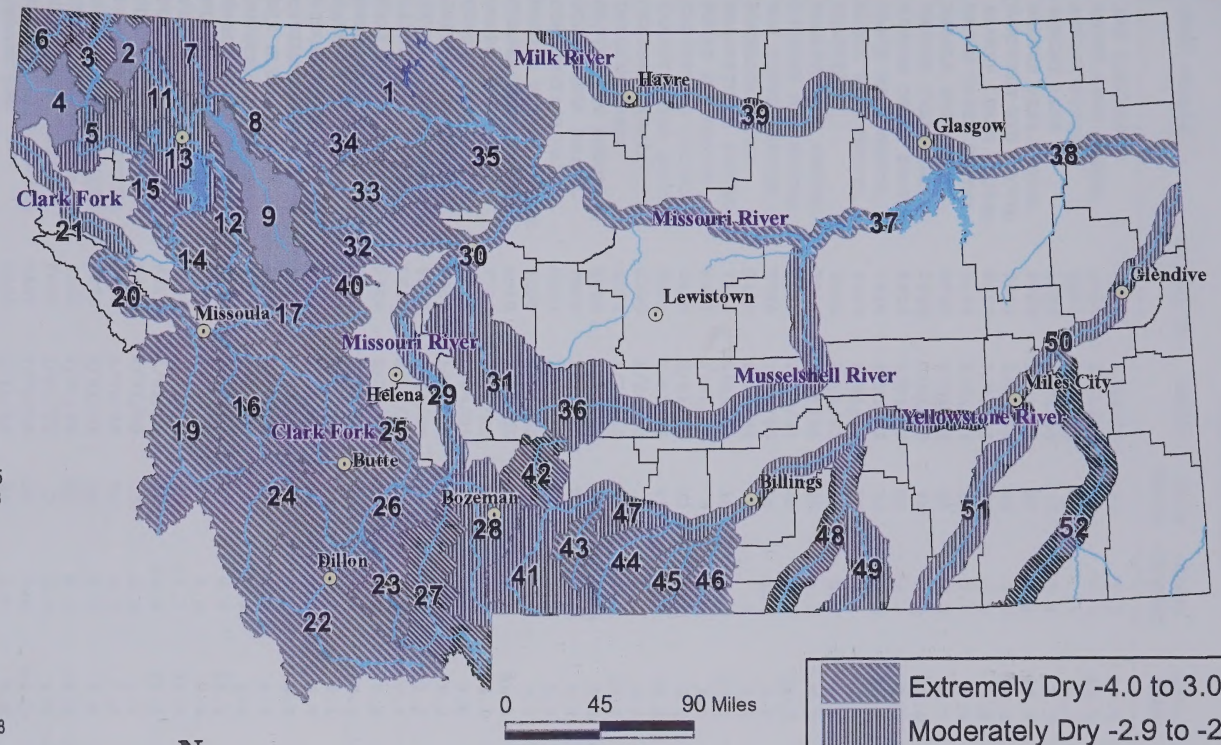
- Extremely Above Average (Over150)
- Much Above Average (131 - 150)
- Above Average (111 - 130)
- Near Average (91 - 110)
- Below Average (71 - 90)
- Much Below Average (51 - 70)
- Extremely Below Average (Below 51)

Map #	Forecast Point
1	BADGER CREEK near Browning
2	BEAVER CREEK near Havre
3	BEAVERHEAD RIVER at Barretts
4	CLARK CANYON RES Inflow
5	BIG HOLE RIVER at Wisdom
6	BIG HOLE RIVER near Melrose
7	BIGHORN RIVER near St. Xavier
8	BITTERROOT at Missoula
9	BITTERROOT near Darby
10	BLACKFOOT RIVER near Bonner
11	BOULDER RIVER at Big Timber
12	BOULDER RIVER near Boulder
13	CLARK FK at Whitehorse Rpds
14	CLARK FORK above Milltown
15	CLARK FORK above Missoula
16	CLARK FORK at St. Regis
17	CLARK FORK below Missoula
18	CLARK FORK near Plains
19	CLARKS FORK RIVER near Belfry
21	COMO RESERVOIR Inflow
22	COONEY RESERVOIR Inflow
23	CUT BANK CREEK at Cut Bank
24	DEARBORN near Craig
25	DUPUYER CREEK near Valier
26	ENNIS Reservoir Inflow
27	FISHER RIVER near Libby
28	FLATHEAD at Columbia Falls
29	FLATHEAD Lake Inflow
30	FLINT CREEK below Boulder Ck
31	FLINT CREEK near Southern Cross
32	GALLATIN RIVER at Logan
33	GALLATIN RIVER near Gateway
34	GIBSON Reservoir Inflow
35	HEBGEN Reservoir Inflow
36	HUNGRY HORSE Reservoir Inflow
38	HYALITE RESERVOIR Inflow
39	JEFFERSON RIVER near Three Forks
40	KOOTENAI at Leonia
42	LAKE SHERBURNE Inflow
43	LIBBY RES Inflow
44	LIMA RESERVOIR Inflow
45	LITTLE BIGHORN RIVER near Hardin
46	LITTLE BLACKFOOT near Garrison
47	LOWER WILLOW CK RES Inflow
48	MARIAS RIVER near Shelby
49	MF FLATHEAD near West Glacier
50	MF ROCK CREEK near Philipsburg
52	MILK RIVER at East Cross.
53	MILK RIVER at Western Crossing
54	MISSOURI RIVER at Fort Benton
55	MISSOURI RIVER at Toston
56	MISSOURI RIVER at Virgelle
57	MISSOURI RIVER below Fort Peck
58	MISSOURI RIVER near Landusky
59	MUSSELSHELL at Harlowton
60	MYSTIC LAKE Reservoir Inflow
61	NEVADA CREEK near Finn
62	NF FLATHEAD near Columbia Falls
63	NF MUSSELSHELL near Delpine
64	POWDER RIVER at Moorehead
65	POWDER RIVER near Locate
66	PRICKLY PEAR CREEK near Clancy
67	PROSPECT CREEK at Thompson Falls
68	ROCK CREEK near Clinton
69	RUBY RIVER Reservoir Inflow
70	SF MUSSELSHELL above Martinsdale
71	SHEEP CREEK near White Sulphur Spgs.
72	SHIELDS RIVER near Livingston
73	SKALKAHO CK near Hamilton
74	SMITH RIVER above Eagle Creek
75	ST. MARY RIVER at US/CAN Border
76	ST. MARY RIVER near Babb
77	STILLWATER near Whitefish
78	STILLWATER RIVER near Absarokee
79	SWAN RIVER near Bigfork
80	SWIFT RESERVOIR Inflow
81	TETON near Dutton
82	THOMPSON near Thompson Falls
83	TOBACCO RIVER near Eureka
84	TONGUE RIVER RESERVOIR Inflow
85	TWO MEDICINE RIVER near Browning
87	WF BITTERROOT near Conner
88	WHITEFISH near Kalispell
89	WILLOW CREEK Reservoir Inflow
90	YAAK RIVER near Troy
91	YELLOWSTONE at Lake Outlet
92	YELLOWSTONE RIVER at Billings
93	YELLOWSTONE RIVER at Corwin Spgs
94	YELLOWSTONE RIVER at Miles City
95	YELLOWSTONE RIVER near Livingston
96	YELLOWSTONE RIVER near Sidney

Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

RIVER INDEX & SWSI VALUES
1 Marias above Tiber Reservoir -3.8
2 Tobacco -0.6
3 Kootenai Ft. Steele to Libby Dam -1.1
4 Kootenai below Libby Dam 0.2
5 Fisher -2.5
6 Yaak -1.2
7 North FK. Flathead -2.2
8 Middle FK. Flathead -3.1
9 South FK. Flathead 0
11 Stillwater/Whitefish -2.6
12 Swan -3.2
13 Flathead at Polson -2.4
14 Mission Valley -3.4
15 Little Bitterroot -3.8
16 Clark Fork above Milltown -3.5
17 Blackfoot -3
19 Bitterroot -3.4
20 Clark Fork below Bitterroot -3.1
21 Clark Fork below Flathead -2.6
22 Beaverhead -3.8
23 Ruby -3
24 Big Hole -3.1
25 Boulder (Jefferson) -3.7
26 Jefferson -3.9
27 Madison -1.4
28 Gallatin -2.4
29 Missouri above Canyon Ferry -2.5
30 Missouri below Canyon Ferry -3.8
31 Smith -2.3
32 Sun -3.3
33 Teton -3.5
34 Birch/Dupuyer Creeks -3.4
35 Marias -3.5
36 Musselshell -2.4
37 Missouri above Fort Peck -3.3
38 Missouri below Fort Peck -4
39 Milk -2.2
40 Dearborn near Craig -3.9
41 Yellowstone above Livingston -2.8
42 Shields -1.7
43 Boulder (Yellowstone) -3.2
44 Stillwater -3.3
45 Rock/Red Lodge Creeks -3.5
46 Clarks Fork -3
47 Yellowstone above Bighorn -2.9
48 Bighorn below Bighorn Lake -1.3
49 Little Bighorn -2.9
50 Yellowstone below Bighorn -2.2
51 Tongue -2.4
52 Powder -1.9



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Current as of
February 1, 2005

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Extremely Dry -4.0 to 3.0
Moderately Dry -2.9 to -2.0
Slightly Dry -1.9 to -1.0
Near Average -0.9 to 0.9
Sightly Wet 1.0 to 1.9
Moderately Wet 2.0 to 2.9
Extremely Wet 3.0 to 4.0
SWSI Not Apllicable

MONTANA SNOW COURSE AND SNOTEL DATA

FEBRUARY 2005

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ABE LINCOLN	4440	1/24/05	15	4.2	10.6	13.7
ALBRO LAKE SNOTEL	8300	2/01/05	31	7.3	11.5	13.1
ASHLEY DIVIDE	4820	2/01/05	3	.7	5.2	5.1
ASHLEY LAKE	4000	2/01/05	6	1.5	3.9	4.4
BADGER PASS SNOTEL	6900	2/01/05	37	11.6	20.9	22.3
BANFIELD MTN SNOTEL	5600	2/01/05	16	6.3	12.4	13.3
BARKER LAKES SNOTEL	8250	2/01/05	24	5.9	7.8	9.2
BASIN CREEK SNOTEL	7180	2/01/05	11	2.7	4.5	4.9
BEAGLE SPGS SNOTEL	8850	2/01/05	23	5.0	5.1	5.5
BEAVER CREEK SNOTEL	7850	2/01/05	36	9.9	12.4	11.5
BISSON CREEK SNOTEL	4920	2/01/05	10	3.1	8.0	6.8
BLACK BEAR SNOTEL	7950	2/01/05	72	23.8	31.4	25.6
BLACK PINE SNOTEL	7100	2/01/05	15	4.1	6.7	8.0
BLACKTAIL	5650	2/01/05	19	5.6	9.2	9.6
BLOODY DICK SNOTEL	7550	2/01/05	20	4.2	8.7	8.4
BOULDER MTN SNOTEL	7950	2/01/05	28	7.8	13.6	13.4
BOX CANYON SNOTEL	6700	2/01/05	18	4.6	5.5	6.7
BOXELDER CREEK	5100	1/27/05	1	.4	6.8	5.2
BRACKETT CR SNOTEL	7320	2/01/05	34	10.8	12.2	13.3
BURNT MTN SNOTEL	5880	2/01/05	0	.0	3.3	--
CALVERT CR SNOTEL	6430	2/01/05	12	3.3	6.2	5.9
CARROT BASIN SNOTEL	9000	2/01/05	48	13.7	19.2	18.1
CHESSMAN RESERVOIR	6200	1/24/05	5	1.1	2.3	2.5
CHICKEN CREEK	4060	1/26/05	25	7.7	17.2	11.5
CLOVER MDW SNOTEL	8800	2/01/05	32	8.5	9.2	11.1
COLE CREEK SNOTEL	7850	2/01/05	20	5.2	6.9	9.8
COMBINATION SNOTEL	5600	2/01/05	5	1.3	3.8	3.4
COPPER BOTTOM SNOTEL	5200	2/01/05	0	.0	9.0	8.0
COPPER CAMP SNOTEL	6950	2/01/05	44	17.5	34.0	21.3
COPPER MOUNTAIN	7700	1/29/05	21	4.6	5.5	7.0
COYOTE HILL	4200	1/25/05	14	3.5	7.8	7.3
CREVICE MOUNTAIN	8400	1/25/05	27	5.8	5.0	7.6
CRYSTAL LAKE SNOTEL	6050	2/01/05	19	5.6	11.3	8.1
DAISY PEAK SNOTEL	7600	2/01/05	18	4.2	7.7	6.7
DALY CREEK SNOTEL	5780	2/01/05	19	5.5	7.9	7.4
DARKHORSE LK. SNOTEL	8700	2/01/05	49	14.4	19.3	20.4
DEADMAN CR SNOTEL	6450	2/01/05	19	5.1	8.1	7.1
DISCOVERY BASIN	7050	1/28/05	14	3.5	6.7	6.6
DIVIDE SNOTEL	7800	2/01/05	25	6.0	6.2	6.9
DIX HILL	6400	1/30/05	13	3.1	6.9	7.6
DUPUYER CREEK SNOTEL	5750	2/01/05	1	.4	5.4	7.3
EMERY CREEK SNOTEL	4350	2/01/05	18	4.9	13.3	10.5
FISH CREEK	8000	1/26/05	12	2.6	5.8	5.8
FISHER CREEK SNOTEL	9100	2/01/05	55	16.7	22.3	23.8
FLATTOP MTN SNOTEL	6300	2/01/05	60	21.4	29.2	31.8
FOURTH OF JULY	3450	1/31/05	5	1.4	6.7	6.5
FROHNER MDWS SNOTEL	6480	2/01/05	13	4.4	5.4	5.0
GARVER CREEK SNOTEL	4250	2/01/05	16	5.0	7.4	7.3
GRAVE CRK SNOTEL	4300	2/01/05	17	6.3	14.3	11.7
HAND CREEK SNOTEL	5030	2/01/05	7	3.0	8.5	8.6
HAWKINS LAKE SNOTEL	6450	2/01/05	33	9.8	16.7	18.4
HEBGEN DAM	6550	1/31/05	24	4.0	7.8	8.2
HELL ROARING DIVIDE	5770	1/25/05	40	13.6	21.3	20.7
HERRIG JUNCTION	4850	1/26/05	38	12.7	18.2	18.1
HOLBROOK	4530	1/25/05	6	1.3	7.0	7.2
HOODOO BASIN SNOTEL	6050	2/01/05	53	17.0	26.9	30.1
INTERGAARD	6450	1/30/05	4	.9	4.5	4.8
JOHNSON PARK	6450	1/28/05	12	2.5	4.5	3.9
KRAFT CREEK SNOTEL	4750	2/01/05	12	3.7	11.0	10.9
LAKEVIEW RDG. SNOTEL	7400	2/01/05	35	9.3	8.3	7.2
LEMHI RIDGE SNOTEL	8100	2/01/05	21	5.4	6.4	6.9
LICK CREEK SNOTEL	6860	2/01/05	19	4.5	6.4	7.4
LONE MOUNTAIN SNOTEL	8880	2/01/05	33	8.6	11.6	12.1
LOWER TWIN SNOTEL	7900	2/01/05	33	8.5	11.5	12.0
LUBRECHT SNOTEL	4680	2/01/05	5	1.5	5.0	4.2
LUBRECHT FOREST NO 3	5450	1/28/05	2	.6	3.8	4.6
LUBRECHT FOREST NO 4	4650	1/29/05	1	.1	2.1	2.5

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
LUBRECHT FOREST NO 6	4040	1/28/05	1	.6	2.6	2.8
LUBRECHT HYDROPLOT	4200	1/29/05	8	1.8	3.2	4.2
MADISON PLT SNOTEL	7750	2/01/05	48	14.0	18.6	16.2
MANY GLACIER SNOTEL	4900	2/01/05	3	1.2	10.3	11.2
MARIAS PASS	5250	1/28/05	8	3.2	13.0	11.7
MONUMENT PK SNOTEL	8850	2/01/05	39	10.3	11.4	14.2
MOSS PEAK SNOTEL	6780	2/01/05	44	17.3	21.7	24.6
MOULTON RESERVOIR	6850	1/26/05	11	2.1	6.4	5.2
MT LOCKHART SNOTEL	6400	2/01/05	24	7.2	14.0	14.2
MULE CREEK SNOTEL	8300	2/01/05	24	5.7	8.4	10.4
N.E. ENTRANCE SNOTEL	7350	2/01/05	16	3.7	5.5	7.7
NEVADA RIDGE SNOTEL	7020	2/01/05	20	6.0	10.0	10.1
NEW WORLD	6900	2/01/05	---	6.4E	8.9	9.0
NEWTON MOUNTAIN	5600	1/24/05	42	14.7	18.7	22.6
NEZ PERCE CMP SNOTEL	5650	2/01/05	23	5.3	10.8	9.9
NEZ PERCE CREEK	6600	1/29/05	8	1.5	4.6	4.3
N.F. ELK CR SNOTEL	6250	2/01/05	19	5.4	8.4	8.0
NF JOCKO SNOTEL	6330	2/01/05	61	22.5	29.5	30.1
NOISY BASIN SNOTEL	6040	2/01/05	54	19.8	26.0	27.0
OPHIR PARK	7150	1/30/05	18	4.6	8.6	10.6
PETERSON MDW SNOTEL	7200	2/01/05	14	3.5	5.8	6.1
PICKFOOT CRK SNOTEL	6650	2/01/05	13	3.7	8.2	7.9
PIKE CREEK SNOTEL	5930	2/01/05	25	8.1	16.6	17.8
PIPESTONE PASS	7200	1/29/05	2	.5	2.1	3.2
PLACER BASIN SNOTEL	8830	2/01/05	33	8.9	10.4	11.7
POORMAN CR SNOTEL	5100	2/01/05	34	12.3	30.3	21.4
PORCUPINE SNOTEL	6500	2/01/05	9	2.6	5.2	4.5
RED TOP	5260	1/24/05	36	11.3	15.6	18.4
ROCKER PEAK SNOTEL	8000	2/01/05	22	5.3	7.7	9.1
ROCKY BOY SNOTEL	4700	2/01/05	0	.0	4.5	3.7
SACAJAWEA SNOTEL	6550	2/01/05	22	7.1	9.5	8.9
SADDLE MTN SNOTEL	7900	2/01/05	37	10.2	16.7	17.3
S.F. SHIELDS SNOTEL	8100	2/01/05	33	8.4	9.5	10.7
SHORT CREEK SNOTEL	7000	2/01/05	12	2.8	3.6	3.9
SHOWER FALLS SNOTEL	8100	2/01/05	40	10.8	9.8	14.0
SKALKAHO SNOTEL	7260	2/01/05	33	8.4	14.0	16.0
SLEEPING WOMAN SNTL	6150	2/01/05	22	5.9	9.9	10.6
SPOTTED BEAR MTN.	7000	1/25/05	12	3.4	9.8	10.1
SPUR PARK SNOTEL	8100	2/01/05	40	11.0	13.0	14.6
STAHL PEAK SNOTEL	6030	2/01/05	59	20.2	23.1	24.1
STORM LAKE	7780	1/26/05	20	4.8	6.8	8.3
STRYKER BASIN	6180	1/26/05	46	15.6	18.4	21.3
STUART MOUNTAIN SNTL	7400	2/01/05	46	14.6	21.0	22.8
SUCKER CREEK	3960	1/27/05	0	.0	3.6	.5
TAYLOR ROAD	4080	1/27/05	0	.0	4.6	2.6
TEN MILE LOWER	6600	1/24/05	9	1.9	4.7	4.7
TEN MILE MIDDLE	6800	1/24/05	15	3.6	5.7	7.1
TEPEE CREEK SNOTEL	8000	2/01/05	31	7.9	9.6	8.5
TIZER BASIN SNOTEL	6840	2/01/05	15	4.6	6.1	6.5
TRINKUS LAKE	6100	1/25/05	54	19.6	25.8	26.6
TRUMAN CREEK	4060	1/30/05	5	1.3	4.3	3.5
TV MOUNTAIN	6800	1/25/05	25	6.6	11.8	12.0
TWELVEMILE SNOTEL	5600	2/01/05	18	5.7	14.7	12.8
TWENTY-ONE MILE	7150	1/31/05	32	9.1	11.2	11.1
TWIN LAKES SNOTEL	6400	2/01/05	50	16.1	30.8	27.5
UPPER HOLLAND LAKE	6200	1/25/05	40	13.5	24.2	23.7
WALDRON SNOTEL	5600	2/01/05	11	3.6	8.3	8.0
WARM SPRINGS SNOTEL	7800	2/01/05	30	7.9	13.3	13.8
WEASEL DIVIDE	5450	1/31/05	47	15.7	20.6	21.5
WEST YELL'ST SNOTEL	6700	2/01/05	27	6.9	9.4	8.6
WHISKEY CREEK SNOTEL	6800	2/01/05	39	9.7	13.6	11.1
WHITE MILL SNOTEL	8700	2/01/05	41	10.8	13.0	16.1
WOOD CREEK SNOTEL	5960	2/01/05	12	4.1	6.9	6.3

Montana Water Supply Outlook Report as of February 1, 2005

January has been a record breaking month for both low snowpack and temperatures. There were several SNOTEL sites that have set new record low snow water contents and new maximum low temperatures. Several low elevation snow sites have melted out during January. During the chinook event of January 18 to January 21, several mountain sites melted more than an inch of water. Additionally, several mountain sites in the northwest and north central received more than an inch of rain, with several sites receiving more than two inches of rain. January mountain precipitation was 59 percent of average. Valley temperatures across central and southeast Montana were 22 to 27 degrees above average during the chinook event.

Snowpack

Mountain snowpack statewide was 63 percent of average and 63 percent of last year. West of the Continental Divide, snowpack was 57 percent of average and 56 percent of last year and East of the continental Divide, snowpack was 70 percent of average and 75 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR	JANUARY % CHANGE
COLUMBIA	56	56	-10
KOOTENAI, MONTANA	60	59	-12
KOOTENAI, CANADA	83	76	--
FLATHEAD, MONTANA	60	60	-22
FLATHEAD, CANADA	47	32	--
UPPER CLARK FORK	55	55	-11
BITTERROOT	54	52	-8
LOWER CLARK FORK	51	48	-6
MISSOURI	67	67	-7
MISSOURI HEADWATERS	74	74	-7
JEFFERSON	68	71	-7
MADISON	78	73	-7
GALLATIN	77	80	-12
MISSOURI MAINSTEM	55	51	-5
HEADWATERS MAINSTEM	59	63	-3
SMITH-JUDITH-MUSSELSHELL	67	62	-5
SUN-TETON-MARIAS	44	45	-7
MILK	38	2	--
BEARPAW MOUNTAINS	3	2	-30
CYPRESS HILLS, CANADA	66	--	--
ST. MARY	53	57	-15
ST. MARY & MILK	47	39	-14
YELLOWSTONE	73	84	-9
UPPER YELLOWSTONE	69	77	-6
LOWER YELLOWSTONE	74	90	-12

Note: Flathead is 3rd lowest of record; Upper Clark Fork 2nd lowest; Lower Clark Fork 2nd lowest; Jefferson 3rd lowest; Headwaters Mainstem 2nd lowest; Smith-Judith-Musselshell 4th lowest; Sun-Teton-Marias new record low; Bearpaw Mountains new record low; Upper Yellowstone 4th lowest; and Lower Yellowstone 4th lowest.

Precipitation

January mountain and valley precipitation across the state was 61 percent of average and 64 percent of last year, while the water year precipitation was 75 percent of average and 75 percent of last year.

West of the Continental Divide, January mountain and valley precipitation was 62 percent of average and 62 percent of last year and the water year precipitation was 74 percent of average and 75 percent of last year. East of the Divide, January mountain and valley precipitation was 60 percent of average and 66 percent of last year and the water year precipitation was 75 percent of average and 76 percent of last year.

RIVER BASIN	JANUARY % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	62	74
KOOTENAI	68	86
FLATHEAD	70	84
UPPER CLARK FORK	55	64
BITTERROOT	52	60
LOWER CLARK FORK	66	72
MISSOURI	60	74
JEFFERSON	61	72
MADISON	67	82
GALLATIN	48	75
MISSOURI MAINSTEM	63	69
SMITH-JUDITH-MUSSELSHELL	62	73
SUN-TETON-MARIAS	59	72
MILK	36	64
ST. MARY	60	78
YELLOWSTONE	62	78
UPPER YELLOWSTONE	58	74
LOWER YELLOWSTONE	64	82

Reservoirs

Major reservoir storages statewide were 84 percent of average and 101 percent of last year. Reservoir storage west of the Continental Divide was 140 percent of average and 118 percent of last year. East of the Continental Divide, reservoir storages were 66 percent of average and 93 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	140	118
KOOTENAI	157	109
FLATHEAD	132	121
UPPER CLARK FORK	93	102
BITTERROOT	125	166
LOWER CLARK FORK	103	248
MISSOURI	65	92
JEFFERSON	55	154
MADISON	113	107
GALLATIN	158	117
MISSOURI MAINSTEM	62	90
SMITH-JUDITH-MUSSELSHELL	41	117
SUN-TETON-MARIAS	107	101
MILK	91	168
ST. MARY	175	324
YELLOWSTONE	81	96
UPPER YELLOWSTONE	116	108
LOWER YELLOWSTONE	80	95

Streamflow

Assuming normal precipitation across Montana, streamflows are forecast to average 51 to 65 percent. West of the Continental Divide, streamflows are forecast to average 52 and 63 percent. East of the Continental Divide, streamflows are forecast to average 49 and 65 percent.

Below are averaged river basin streamflow forecast summaries for the period April 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL SPRING CONDITIONS AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR WELL ABOVE AVERAGE (130% or more) SNOWMELT OR SPRING RAIN. Specific forecast probabilities are available in each individual River Basin Report.

RIVER BASIN	April-July THIS YEAR % OF AVERAGE	April-July LAST YEAR % OF AVERAGE
COLUMBIA	52 to 63	96 to 108
KOOTENAI	69 to 79	98 to 108
FLATHEAD	57 to 66	96 to 105
UPPER CLARK FORK	42 to 57	93 to 110
BITTERROOT	51 to 62	102 to 113
LOWER CLARK FORK	48 to 57	95 to 106
MISSOURI	44 to 61	77 to 93
JEFFERSON	33 to 50	78 to 96
MADISON	78 to 86	95 to 103
GALLATIN	64 to 76	81 to 93
MISSOURI MAINSTEM	50 to 64	81 to 96
SMITH-JUDITH-MUSSELSHELL	39 to 58	83 to 102
SUN-TETON-MARIAS	42 to 59	75 to 94
MILK	31 to 59	45 to 64
ST. MARY	69 to 76	86 to 92
YELLOWSTONE	64 to 76	77 to 89
UPPER YELLOWSTONE	65 to 76	85 to 96
LOWER YELLOWSTONE	63 to 76	65 to 79

NOTE: The APRIL-JULY LAST YEAR % OF AVERAGE column above is what was forecast last year, NOT what actually occurred.

Surface Water Supply Index

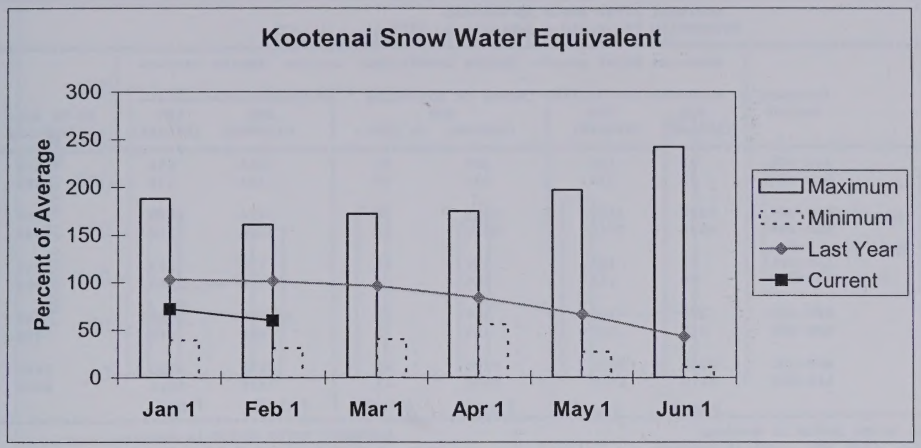
The Surface Water Supply Index (SWSI) is a measure of available surface water availability for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

This year SWSI	Last year SWSI	Basin
-0.6	+1.3	Tobacco River
-1.1	+0.6	Kootenai Ft. Steele to Libby Dam
+0.2	+1.8	Kootenai River below Libby Dam
-2.5	+0.2	Fisher River
-1.2	+0.5	Yaak River
-2.2	0.0	North Fork Flathead River
-3.1	-0.4	Middle FORK Flathead River
0.0	+0.5	South Fork Flathead River
-2.1	+0.3	Flathead River at Columbia Falls
-2.6	+0.4	Stillwater/Whitefish Rivers
-3.2	-0.2	Swan River
-2.4	+0.4	Flathead River at Polson
-3.4	-1.3	Mission Valley
-3.8	-1.5	Little Bitterroot River
-3.5	+0.7	Clark Fork River above Milltown
-3.0	+0.8	Blackfoot River
-3.4	+0.5	Bitterroot River
-3.1	+0.7	Clark Fork River below Bitterroot River
-2.6	+0.5	Clark Fork River below Flathead River
-3.8	-2.8	Beaverhead River
-3.0	-1.9	Ruby River
-3.1	-0.6	Big Hole River
-3.7	-1.0	Boulder River (Jefferson)
-3.9	-1.6	Jefferson River
-1.4	+0.2	Madison River
-2.4	-1.4	Gallatin River
-2.5	-0.6	Missouri River above Canyon Ferry
-3.8	-0.6	Missouri River below Canyon Ferry
-2.3	-0.1	Smith River
-3.3	-0.8	Sun River
-3.5	-0.7	Teton River
-3.4	-1.7	Birch/Dupuyer Creeks
-3.8	-1.8	Marias River above Tiber
-3.5	0.0	Marias River below Tiber
-2.4	-0.1	Musselshell River
-3.3	-0.6	Missouri River above Ft. Peck
-4.0	-3.9	Missouri River below Ft. Peck
-2.2	-2.3	Milk River
-3.9	-1.8	Dearborn River near Craig
-2.8	0.0	Yellowstone River above Livingston
-1.7	0.0	Shields River
-3.2	-2.1	Boulder River (Yellowstone)
-3.3	-1.6	Stillwater River
-3.5	-1.4	Rock/Red Lodge Creeks
-3.0	-1.7	Clarks Fork River
-2.9	-0.7	Yellowstone River above Bighorn River
-1.3	-2.1	Bighorn River below Bighorn Lake
-2.9	-2.8	Little Bighorn River
-2.2	-1.3	Yellowstone River below Bighorn River
-2.4	-2.4	Tongue River
-1.9	-1.2	Powder River

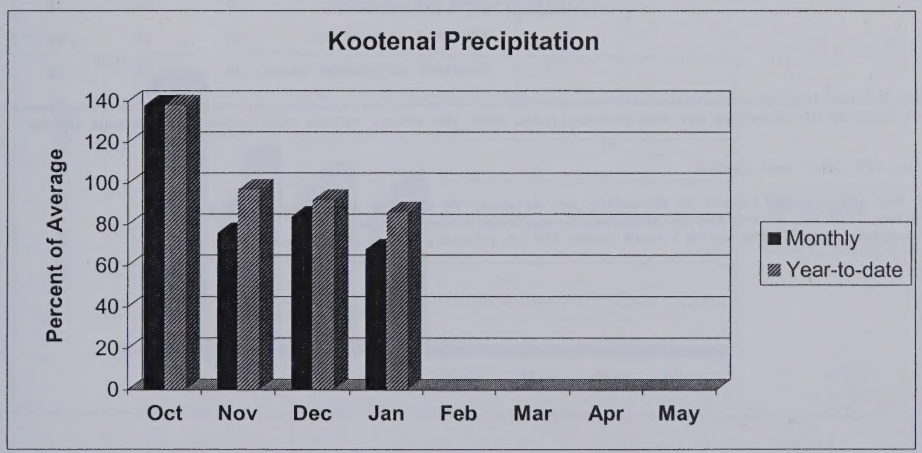
Kootenai River Basin in Montana

Snowpack conditions in the Kootenai River Basin (Montana) were well below average and decreased 12 percent from January 1. Snow water content was 60 percent of average and 59 percent of last year. Snow water content in the Kootenay in Canada was 83 percent of average and 76 percent of last year.



January maximum swe was established in 1997 and minimum was in 1977; February maximum swe was in 1997 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1974 and minimum swe was in 2001; May maximum swe was in 1974 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during January was 70 percent of average and 69 percent of last year. Valley precipitation during January was 47 percent of average and 58 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 86 percent of average and 82 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 69 percent to 79 percent.

Lake Koocanusa storage was 157 percent of average and 109 percent of last year.

Surface Water Supply Index (SWSI) was -0.6 in the Tobacco River; -1.1 in the Kootenai Ft. Steele to Libby Dam; +0.2 in the Kootenai River below Libby Dam; -2.5 in the Fisher River; and -1.2 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
TOBACCO RIVER nr Eureka	APR-JUL	82	104	120	88	136	158	136
	APR-SEP	91	116	133	89	150	175	150
LIBBY RES Inflow (1,2)	APR-JUL	3420	4470	4950	88	5430	6480	5640
	APR-SEP	4290	5340	5820	88	6300	7350	6640
FISHER RIVER nr Libby	APR-JUL	57	108	142	62	174	229	230
	APR-SEP	65	118	154	63	188	243	245
YAAK RIVER nr Troy	APR-JUL	230	295	340	73	385	450	465
	APR-SEP	240	310	355	72	400	470	490
KOOTENAI at Leonia (1,2)	APR-JUL	4740	5590	5980	85	6370	7220	7040
	APR-SEP	5470	6440	6900	85	7330	8310	8120

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE KOOCANUSA	5748.0	3776.0	3454.0	2400.9

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
KOOTENAY in CANADA	6	76	74
KOOTENAI MAINTSTEM	3	50	59
TOBACCO	3	73	74
FISHER	1	35	35
YAAK	6	61	53
KOOTENAI in MONTANA	13	59	60
KOOTENAI ab BONNERS FERRY	19	63	63

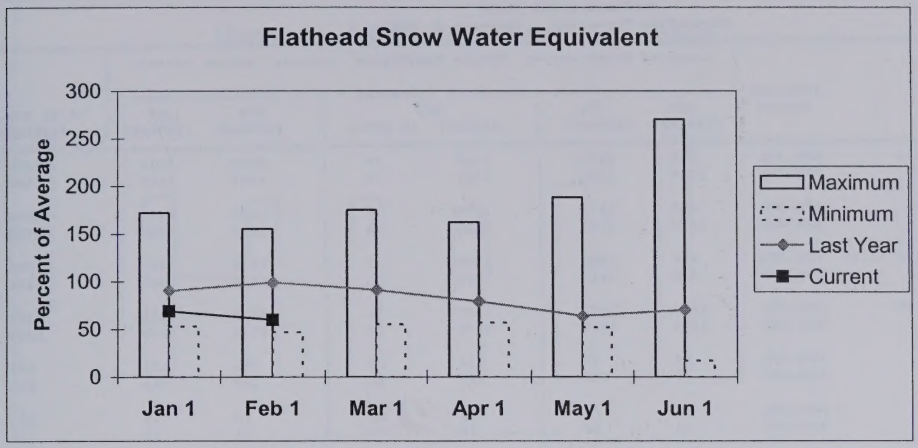
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

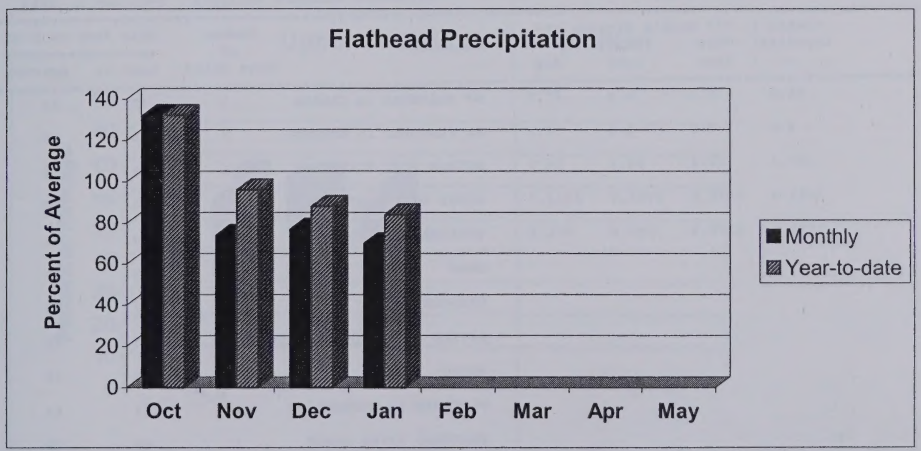
Flathead River Basin

Snowpack conditions in the Flathead River Basin (Montana) were well below average and decreased 9 percent from January 1. Snow water content was 60 percent of average and 60 percent of last year. Flathead snow water content in Canada was 47 percent of average and 32 percent of last year.



January maximum swe was established in 1997 and minimum was in 2001; February maximum swe was in 1972 and minimum was in 2001; March maximum swe was in 1972 and minimum was in 2001; April maximum swe was in 1972 and minimum was in 2001; May maximum swe was in 1972 and minimum was in 1992; and June maximum swe was in 1974 and minimum was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during January was 70 percent of average and 61 percent of last year. Valley precipitation during January was 69 percent of average and 56 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 84 percent of average and 85 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 57 percent to 66 percent.

Combined Camas reservoir storage was 25 percent of average and 74 percent of last year; Lower Jocko Lake was 0 percent of average and 0 percent of last year; combined Mission Valley reservoir storage was 116 percent of average and 166 percent of last year; Hungry Horse storage was 139 percent of average and 120 percent of last year; and Flathead Lake storage was 120 percent of average and 122 percent of last year.

Surface Water Supply Index (SWSI) was -2.2 in the North Fork Flathead River; -3.1 in the Middle Fork Flathead River; 0.0 in the South Fork Flathead River; -2.1 in the Flathead River at Columbia Falls; -3.3 in the Stillwater/Whitefish Rivers; -3.5 in the Swan River; -2.4 in the Flathead River at Polson; -3.4 in the Mission Valley; and -3.8 in the Little Bitterroot River.

FLATHEAD RIVER BASIN
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
NF FLATHEAD nr Columbia Falls	APR-JUL	990	1150	1260	78	1370	1530	1620
	APR-SEP	1110	1280	1400	78	1520	1690	1800
MF FLATHEAD nr West Glacier	APR-JUL	910	1070	1170	74	1270	1430	1590
	APR-SEP	1010	1170	1280	74	1390	1550	1740
HUNGRY HORSE Reservoir Inflow (1,2)	APR-JUL	890	1240	1400	70	1560	1910	2000
	APR-SEP	900	1310	1500	71	1690	2100	2120
FLATHEAD at Columbia Falls (2)	APR-JUL	2880	3490	3900	73	4310	4920	5350
	APR-SEP	3180	3830	4270	73	4710	5360	5820
STILLWATER nr Whitefish	APR-JUL	56	97	124	65	151	193	192
	APR-SEP	67	111	140	67	169	215	210
WHITEFISH nr Kalispell	APR-JUL	38	53	63	62	73	88	101
	APR-SEP	41	58	70	61	82	99	114
ASHLEY CREEK nr Marion (2)	APR-JUL	1.34	2.03	2.50	35	3.60	5.30	7.20
	MARCH			0.98	93			1.06
SWAN RIVER nr Bigfork	APR-JUL	205	285	335	59	385	465	565
	APR-SEP	250	340	400	62	460	550	645
Flathead Lake inflow (1,2)	APR-JUL	3320	4170	4550	74	4930	5780	6180
	APR-SEP	3100	4360	4930	74	5500	6760	6700

FLATHEAD RIVER BASIN
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CAMAS (4)	45.2	5.0	6.8	20.3
LOWER JOCKO LAKE	6.4	0.0	0.0	0.1
MISSION VALLEY (8)	100.0	40.4	24.3	34.7
HUNGRY HORSE	3451.0	3070.0	2551.0	2214.7
FLATHEAD LAKE	1791.0	1168.0	955.6	971.2

FLATHEAD RIVER BASIN
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
NF FLATHEAD in CANADA	1	32	33
NF FLATHEAD in MONTANA	7	66	65
MIDDLE FORK FLATHEAD	5	53	52
SOUTH FORK FLATHEAD	6	59	59
STILLWATER-WHITEFISH	7	59	61
SWAN	6	70	67
MISSION VALLEY	3	67	63
LITTLE BITTERROOT-ASHLEY	4	40	40
JOCKO	4	69	66
FLATHEAD in MONTANA	30	60	60
FLATHEAD RIVER BASIN	31	60	59

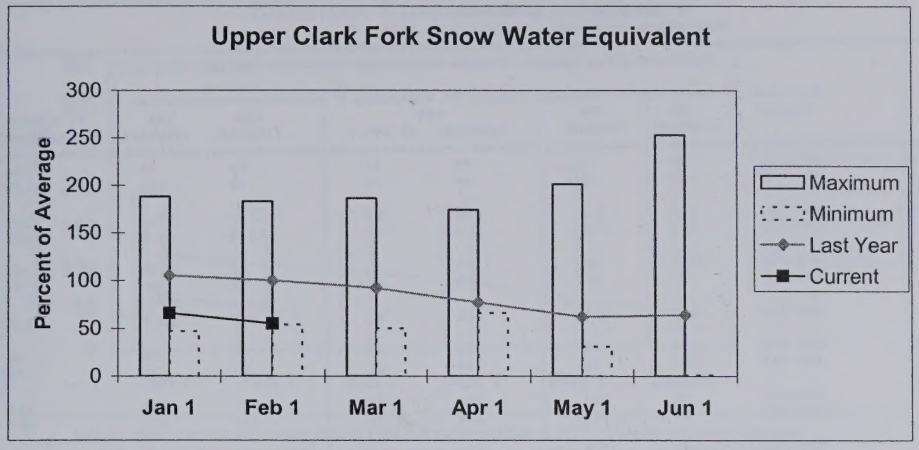
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

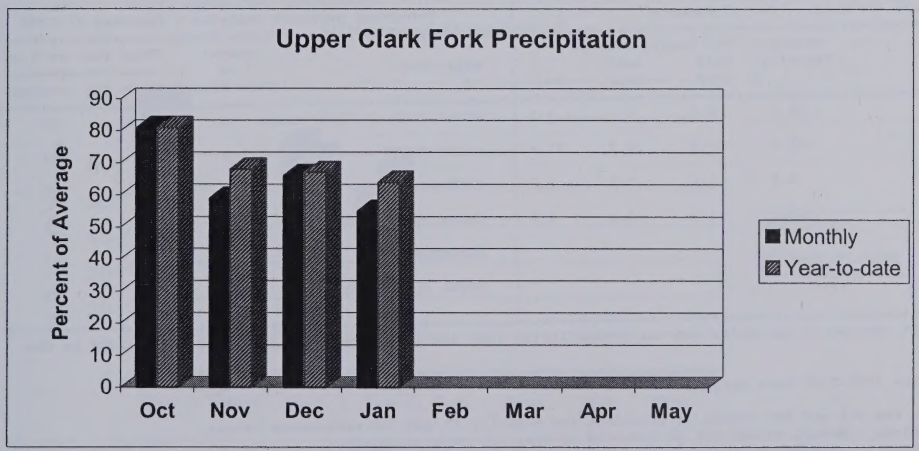
Upper Clark Fork River Basin

Snowpack conditions in the Upper Clark Fork River Basin were well below average and decreased 11 percent from January 1. Snow water content was 55 percent of average and 55 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum was in 1994; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during January was 54 percent of average and 60 percent of last year. Valley precipitation during January was 61 percent of average and 71 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 64 percent of average and 67 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 42 percent to 57 percent.

East Fork Rock Creek storage was 67 percent of average and 109 percent of last year; Georgetown Lake storage was 102 percent of average and 99 percent of last year; Lower Willow Creek storage was 94 percent of average and 133 percent of last year; and Nevada Creek storage was 93 percent of average and 102 percent of last year.

Surface Water Supply Index (SWSI) was -3.5 in the Clark Fork River above Milltown; and -3.0 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<======= Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LITTLE BLACKFOOT nr Garrison	APR-JUL	20	30	48	63	66	92	76
	APR-SEP	24	35	54	64	73	100	84
FLINT CREEK nr Southern Cross	APR-JUL	3.6	5.3	8.2	60	11.1	15.3	13.7
	APR-SEP	4.3	6.2	9.7	60	13.2	18.5	16.2
FLINT CREEK blw Boulder Ck	APR-JUL	18.2	28	35	63	46	61	56
	APR-SEP	25	37	45	63	58	76	71
LOWER WILLOW CK RES Inflow	APR-JUL	1.7	3.3	4.4	35	6.9	10.7	12.5
MF ROCK CREEK nr Philipsburg	APR-JUL	22	34	42	66	50	62	64
	APR-SEP	26	39	48	67	57	70	72
ROCK CREEK nr Clinton	APR-JUL	86	124	150	56	190	255	270
	APR-SEP	98	141	170	56	216	281	305
CLARK FORK abv Milltown	APR-JUL	140	220	335	55	450	615	605
	APR-SEP	177	270	395	56	520	710	705
NEVADA CREEK nr Helmville	APR-JUL	5.2	7.5	9.1	53	12.1	16.3	17.3
BLACKFOOT RIVER nr Bonner	APR-JUL	205	360	470	58	580	735	805
	APR-SEP	240	405	520	58	635	805	890
CLARK FORK abv Missoula	APR-JUL	415	645	800	57	950	1180	1410
	APR-SEP	500	745	915	57	1085	1335	1600

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
EAST FORK ROCK CREEK	15.6	6.1	5.6	9.1
GEORGETOWN LAKE	31.0	27.9	28.2	27.4
LOWER WILLOW CREEK	4.9	1.6	1.2	1.7
NEVADA CREEK	12.6	4.3	4.2	4.6

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
CLARK FORK ab FLINT CREEK	10	57	52
FLINT CREEK	6	53	49
ROCK CREEK	3	63	55
CLARK FORK ab BLACKFOOT	16	55	51
BLACKFOOT	14	54	57
UPPER CLARK FORK BASIN	28	55	55

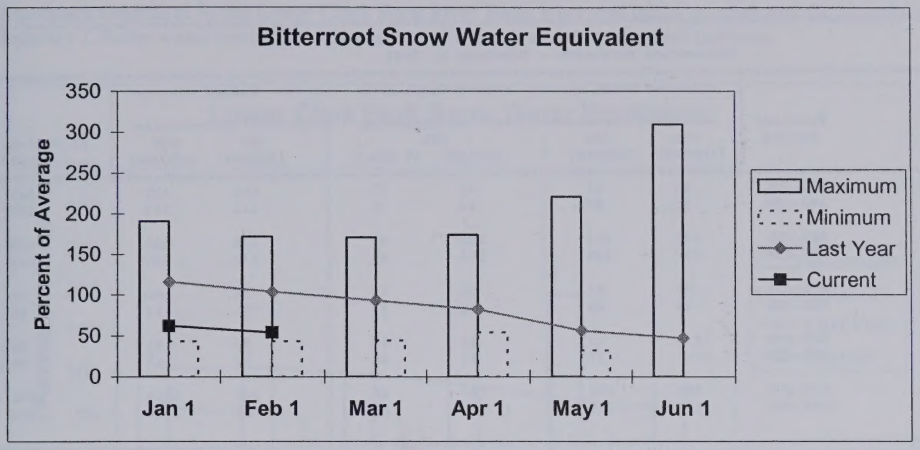
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

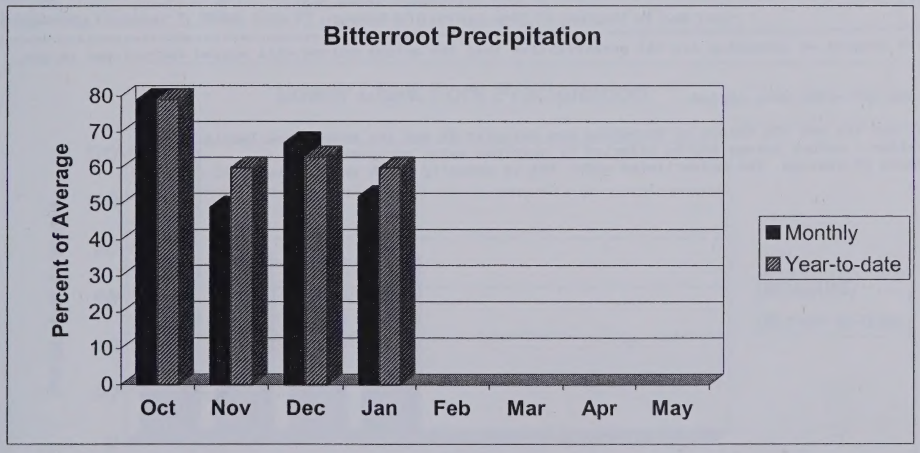
Bitterroot River Basin

Snowpack conditions in the Bitterroot River Basin were well below average and decreased 8 percent from January 1. Snow water content was 54 percent of average and 52 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 2001; May maximum swe was in 1972 and minimum swe was in 1987; and June maximum swe was 1972 and 1974 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain precipitation during January was 54 percent of average and 64 percent of last year. Valley precipitation during January was 36 percent of average and 96 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 60 percent of average and 59 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 51 percent to 72 percent.

Painted Rocks Lake storage was 93 percent of average and 98 percent of last year and Como storage was 145 percent of average and 230 percent of last year.

Surface Water Supply Index (SWSI) was -3.4 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
WF BITTERROOT nr Conner (2)	APR-JUL	31	61	81	57	101	131	143
	APR-SEP	35	68	90	57	112	145	157
BITTERROOT nr Darby	APR-JUL	141	225	280	61	335	420	460
	APR-SEP	170	255	315	61	375	460	515
COMO RESERVOIR Inflow	APR-JUL	38	46	52	67	58	66	78
	APR-SEP	41	49	55	67	61	69	82
SKALKAHO CK nr Hamilton	APR-JUL	14.5	23	29	66	35	44	44
	APR-SEP	17.0	27	33	66	39	49	50
BITTERROOT at Missoula	APR-JUL	495	650	755	60	860	1010	1250
	APR-SEP	550	715	825	60	940	1100	1370

BITTERROOT RIVER BASIN
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
PAINTED ROCKS LAKE	31.7	6.5	6.6	7.0
COMO	34.9	16.1	7.0	11.1

BITTERROOT RIVER BASIN
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WEST FORK BITTERROOT	2	56	57
EAST SIDE BITTERROOT	3	62	59
WEST SIDE BITTERROOT	3	46	51
BITTERROOT RIVER BASIN	7	52	54

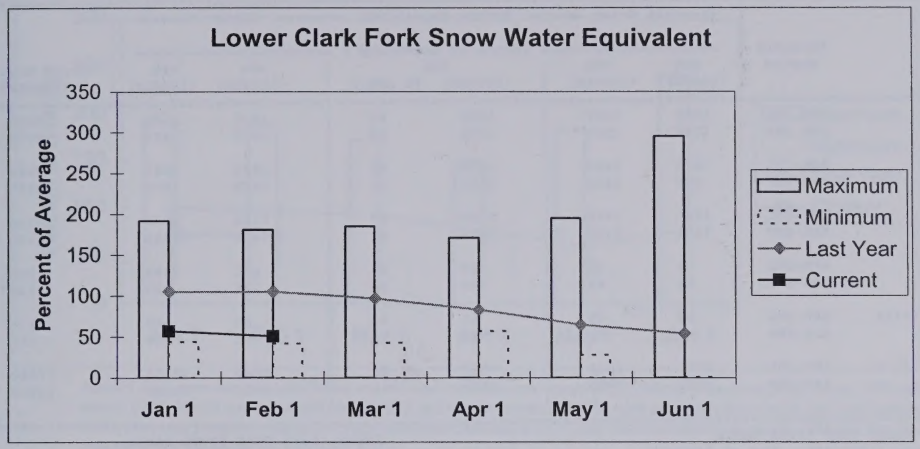
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

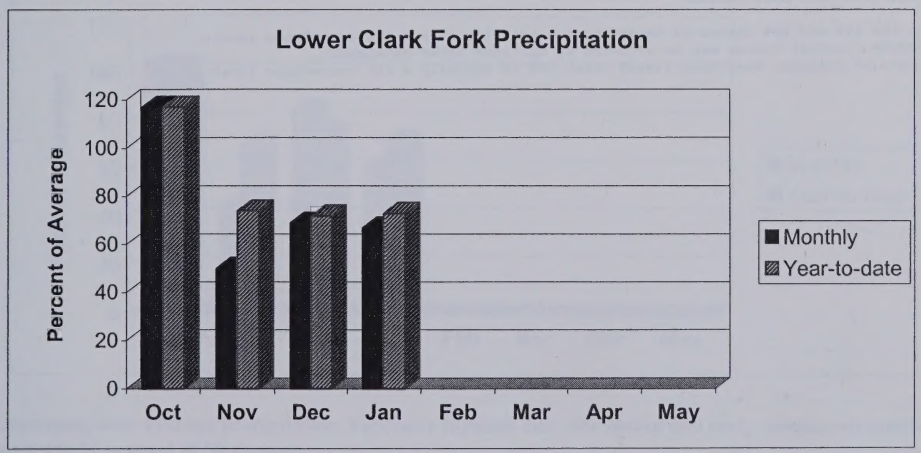
Lower Clark Fork River Basin

Snowpack conditions in the Lower Clark Fork River Basin were well below average and decreased 6 percent from January 1. Snow water content was 51 percent of average and 48 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1972 and minimum swe was in 1981; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1977. Average is for the period 1971 through 2000.

Mountain precipitation during January was 67 percent of average and 66 percent of last year. Valley precipitation during January was 62 percent of average and 67 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 72 percent of average and 74 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 48 percent to 57 percent.

Noxon Rapids storage was 103 percent of average and 248 percent of last year.

Surface Water Supply Index (SWSI) was -3.1 in the Clark Fork River below Bitterroot River and -2.6 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
CLARK FORK blw Missoula	APR-JUL	1000	1350	1590	60	1830	2180	2660
	APR-SEP	1140	1520	1780	60	2040	2420	2960
CLARK FORK at St. Regis (1)	APR-JUL	620	1640	2100	60	2560	3580	3520
	APR-SEP	690	1820	2340	60	2860	3990	3910
CLARK FORK nr Plains (1,2)	APR-JUL	3760	5820	6760	67	7700	9760	10100
	APR-SEP	4120	6390	7420	67	8450	10720	11100
THOMPSON nr Thompson Falls	APR-JUL	55	75	89	43	121	169	205
	APR-SEP	66	89	104	45	138	188	230
PROSPECT CREEK at Thompson Falls	APR-JUL	36	45	51	44	65	86	116
	APR-SEP	40	50	57	46	72	94	124
CLARK FK at Whitehorse Rpds (1,2)	APR-JUL	3870	6240	7310	65	8380	10750	11300
	APR-SEP	4250	6850	8030	64	9210	11810	12500

LOWER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
NOXON RAPIDS	335.0	319.9	129.1	310.9

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	This Year as % of Average
LOWER CLARK FORK BASIN	8	48	51

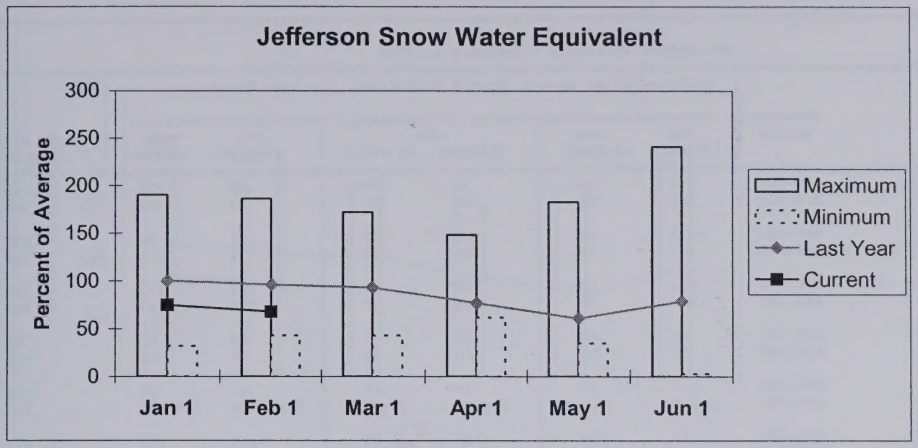
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

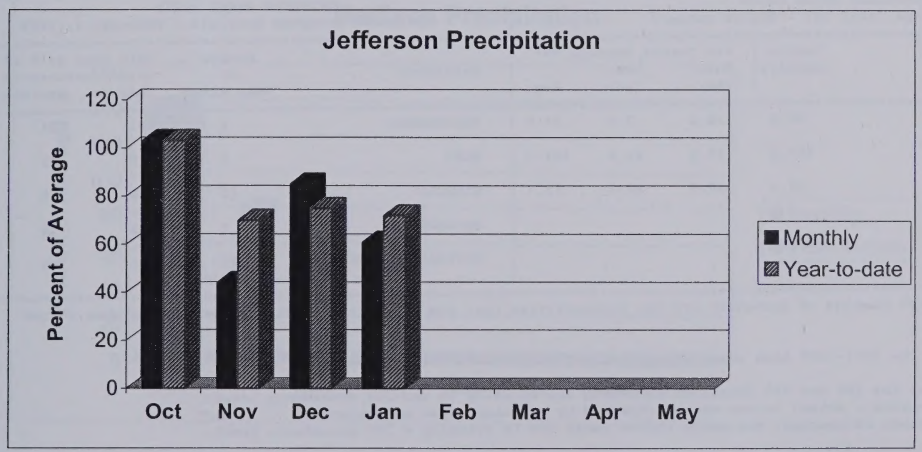
Jefferson River Basin

Snowpack conditions in the Jefferson River Basin were well below average and decreased 7 percent from January 1. Snow water content was 68 percent of average and 71 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1982 and minimum in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during January was 59 percent of average and 67 percent of last year. Valley precipitation during January was 75 percent of average and 87 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 72 percent of average and 77 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 33 percent to 50 percent.

Lima storage was 112 percent of average and 546 percent of last year; Clark Canyon storage was 34 percent of average and 115 percent of last year; and Ruby River storage was 96 percent of average and 103 percent of last year.

Surface Water Supply Index (SWSI) was -3.8 in the Beaverhead River; -3.0 in the Ruby River; -3.1 in the Big Hole River; -3.7 in the Boulder River; and -3.9 in the Jefferson River as a whole.

JEFFERSON RIVER BASIN
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LIMA RESERVOIR Inflow (2)	APR-JUL	44	59	72	75	88	118	96
	APR-SEP	46	63	77	74	95	129	104
CLARK CANYON Inflow (2)	APR-JUL	14.0	24	35	27	51	90	131
	APR-SEP	23	38	53	34	74	121	156
BEAVERHEAD RIVER at Barretts (2)	APR-JUL	8.0	56	89	53	122	170	168
	APR-SEP	10.0	50	89	45	128	188	200
RUBY RIVER Reservoir Inflow	APR-JUL	27	42	52	62	62	77	84
	APR-SEP	34	51	63	62	75	92	101
BIG HOLE RIVER at Wisdom	APR-JUL	7.0	25	44	36	63	92	121
	APR-SEP	5.0	30	51	39	72	102	130
BIG HOLE RIVER nr Melrose	APR-JUL	87	225	320	53	415	555	610
	APR-SEP	102	255	355	54	455	610	660
BOULDER RIVER nr Boulder	APR-JUL	7.5	26	44	56	62	88	78
	APR-SEP	10.9	28	47	55	66	94	85
WILLOW CREEK Reservoir Inflow	APR-JUL	1.1	2.8	7.7	43	12.6	20	17.9
	APR-SEP	1.3	2.9	8.6	43	14.3	22	20
JEFFERSON RIVER nr Three Forks (2)	APR-JUL	17.0	220	355	46	490	695	780
	APR-SEP	5.0	225	370	43	515	735	860

JEFFERSON RIVER BASIN
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LIMA	84.0	38.2	7.0	34.0
CLARK CANYON	255.6	47.9	41.6	141.1
RUBY RIVER	38.8	22.8	22.1	23.7

JEFFERSON RIVER BASIN
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
BEAVERHEAD	8	81	81
RUBY	5	79	71
BIGHOLE	10	63	60
BOULDER	8	59	54
JEFFERSON RIVER BASIN	26	71	68

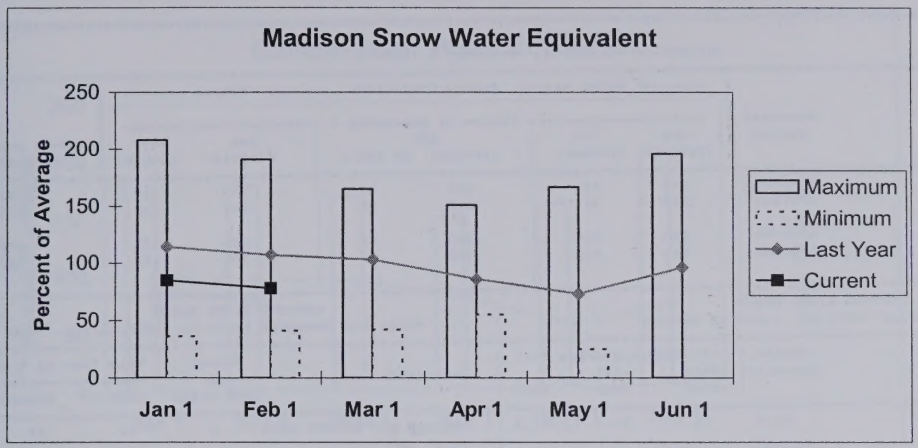
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

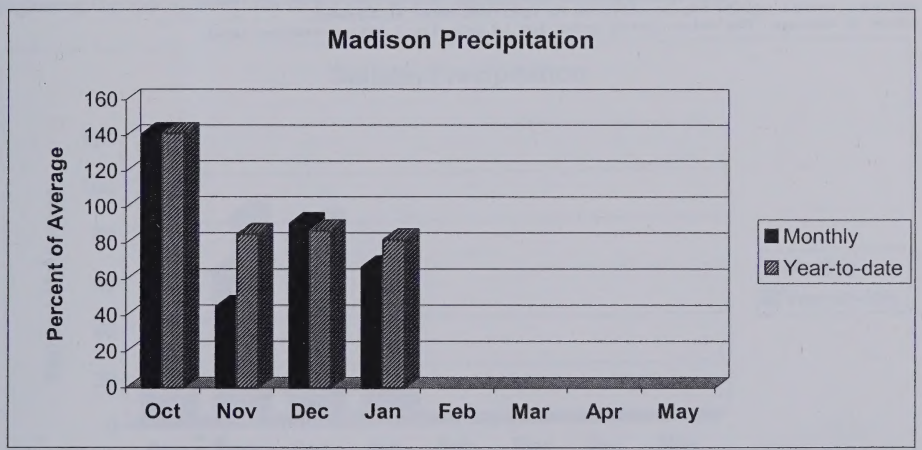
Madison River Basin

Snowpack conditions in the Madison River Basin were below average and decreased 7 percent from January 1. Snow water content was 78 percent of average and 73 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1997 and minimum swe was in 1977; and June maximum swe was in 1995 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during January was 67 percent of average and 72 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 82 percent of average and 78 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 78 percent to 86 percent.

Ennis Lake storage was 93 percent of average and 99 percent of last year and Hebgen Lake storage was 116 percent of average and 108 percent of last year.

Surface Water Supply Index (SWSI) was -1.4 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
HEBGEN Reservoir Inflow	APR-JUL	270	315	345	89	375	420	390
	APR-SEP	360	410	445	89	480	530	500
ENNIS Reservoir Inflow (2)	APR-JUL	425	505	555	82	605	685	680
	APR-SEP	545	635	700	82	765	855	850

MADISON RIVER BASIN
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
ENNIS LAKE	41.0	29.2	29.6	31.3
HEBGEN LAKE	377.5	307.9	284.0	266.5

MADISON RIVER BASIN
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
MADISON abv HEBGEN LAKE	6	72	84
MADISON blw HEBGEN LAKE	8	74	72
MADISON RIVER BASIN	14	73	78

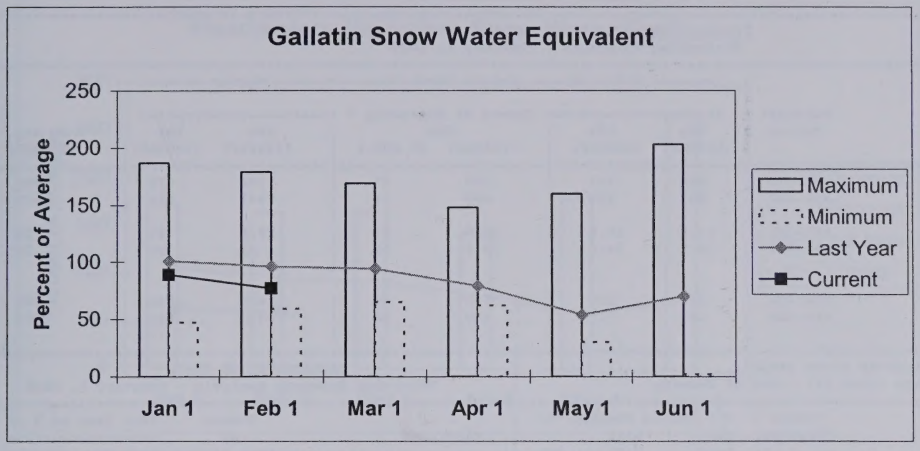
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

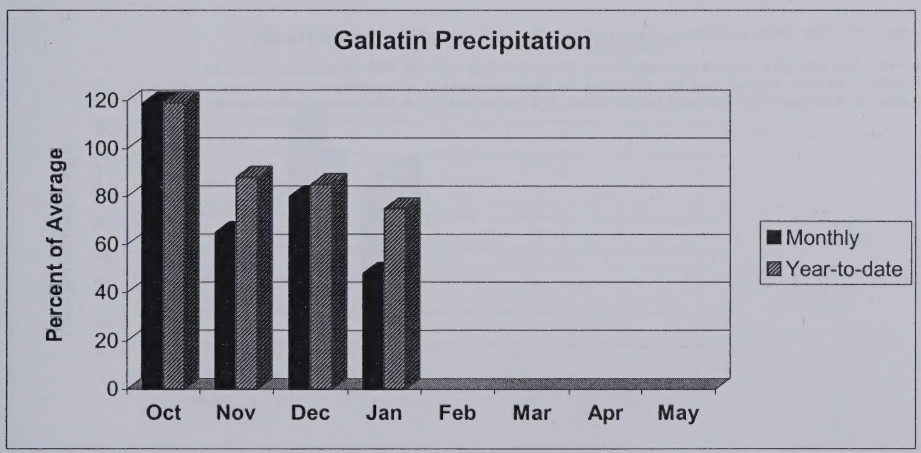
Gallatin River Basin

Snowpack conditions in the Gallatin River Basin were below average and decreased 12 percent from January 1. Snow water content was 77 percent of average and 80 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1966; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977 and 1987; April maximum swe was in 1997 and minimum was in 2001; May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1975 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during January was 46 percent of average and 59 percent of last year. Valley precipitation during January was 66 percent of average and 96 percent of last year; Mountain and valley water year precipitation, beginning October 1, 2004, was 75 percent of average and 82 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 64 percent to 76 percent.

Middle Creek storage was 158 percent of average and 117 percent of last year.

Surface Water Supply Index (SWSI) was -2.4 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GALLATIN RIVER nr Gateway	APR-JUL	245	300	340	77	380	435	440
	APR-SEP	290	355	400	78	445	510	515
HYALITE RESERVOIR Inflow	APR-JUL	12.3	15.5	17.7	81	19.9	23	22
	APR-SEP	14.1	17.5	19.8	79	22	26	25
GALLATIN RIVER at Logan (2)	APR-JUL	140	260	340	69	420	540	495
	APR-SEP	180	310	400	70	490	620	570

GALLATIN RIVER BASIN
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MIDDLE CREEK	10.2	6.8	5.8	4.3

GALLATIN RIVER BASIN
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
UPPER GALLATIN	4	76	78
HYALITE	3	86	71
BRIDGER	2	82	81
GALLATIN RIVER BASIN	9	80	77

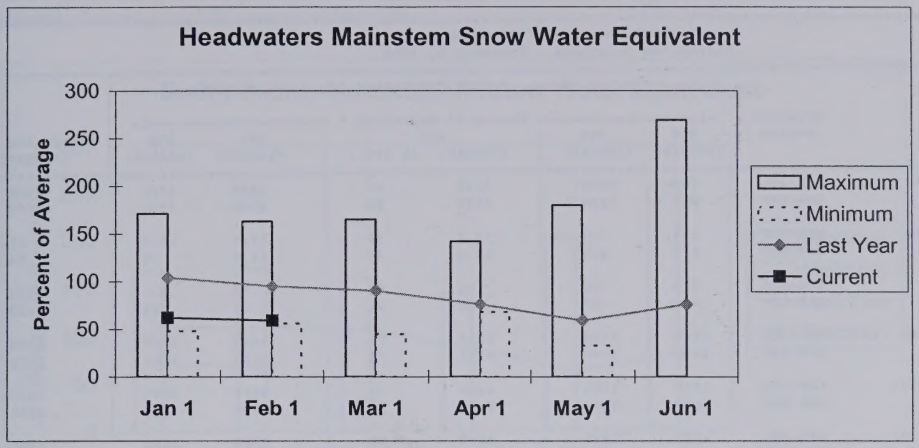
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

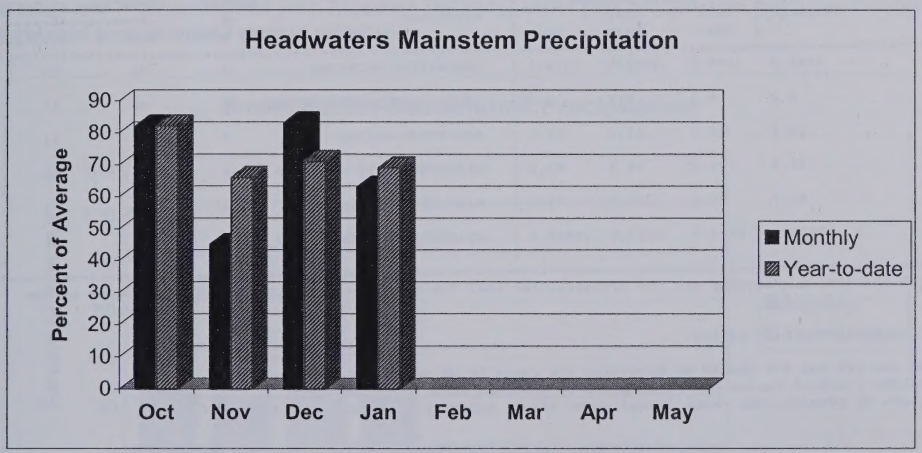
Missouri Mainstem River Basin

Snowpack conditions in the Headwaters Missouri Mainstem River Basin were well below average and decreased 3 percent from January 1. Snow water content was 59 percent of average and 63 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 1961 and 1966; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during January was 64 percent of average and 72 percent of last year. Valley precipitation during January was 62 percent of average and 46 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 69 percent of average and 64 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 50 percent to 64 percent.

Canyon Ferry Lake storage was 87 percent of average and 97 percent of last year; Helena Valley storage was 120 percent of average and 113 percent of last year; Lake Helena storage was 82 percent of average and the 96 percent of last year; Hauser & Helena storage was 116 percent of average and 98 percent of last year; Holter Lake storage was 102 percent of average and 100 percent of last year; and Fort Peck Lake storage was 59 percent of average and 89 percent of last year.

Surface Water Supply Index (SWSI) was -2.5 in the Missouri River above Canyon Ferry; -3.8 in the Missouri River below Canyon Ferry; -3.9 in the Dearborn River near Craig; -3.3 in the Missouri River above Fort Peck; and -4.0 the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
MISSOURI RIVER at Toston (2)	APR-JUL	780	1040	1310	64	1580	1980	2050
	APR-SEP	910	1220	1540	64	1860	2320	2390
PRICKLY PEAR CREEK nr Clancy	APR-JUL	1.9	7.0	10.4	50	13.8	18.4	21
	APR-SEP	1.8	8.0	12.2	49	16.4	22	25
DEARBORN nr Craig	APR-JUL	5.0	36	63	52	90	131	121
	APR-SEP	6.0	39	68	54	97	139	125
MISSOURI RIVER at Fort Benton (2)	APR-JUL	1141	1724	2120	71	2517	3097	2990
	APR-SEP	1360	2067	2540	71	3011	3710	3570
MISSOURI RIVER at Virgelle (2)	APR-JUL	1410	1963	2420	70	2875	3550	3450
	APR-SEP	1660	2312	2850	70	3386	4180	4060
MISSOURI RIVER nr Landusky (2)	APR-JUL	1370	1981	2470	67	2960	3690	3690
	APR-SEP	1610	2334	2910	67	3486	4350	4350
MISSOURI RIVER below Fort Peck (2)	APR-JUL	1355	2084	2580	69	3076	3806	3740
	APR-SEP	1560	2406	2980	69	3556	4420	4330
LAKE SAKAKAWEA Inflow (2)	APR-JUL	4380	5629	6920	71	8214	10114	9740
	APR-SEP	5040	6544	8000	71	9481	11650	11200

MISSOURI MAINSTEM RIVER BASIN
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CANYON FERRY LAKE	2043.0	1370.0	1409.0	1576.1
HELENA VALLEY	9.2	5.3	4.7	4.4
LAKE HELENA	10.4	10.7	11.1	13.0
HAUSER & HELENA	61.9	73.1	74.8	63.2
HOLTER LAKE	81.9	81.2	81.0	79.4
FORT PECK LAKE	18910.0	8764.0	9807.0	14887.0

MISSOURI MAINSTEM RIVER BASIN
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
HEADWATERS MAINSTEM	8	63	59
SMITH-JUDITH-MUSSELSHELL	10	62	67
SUN-TETON-MARIAS	7	45	44
MAINSTEM ab FT PECK RES	24	56	56
MILK RIVER BASIN	4	2	3
MISSOURI MAINSTEM BASIN	27	51	54

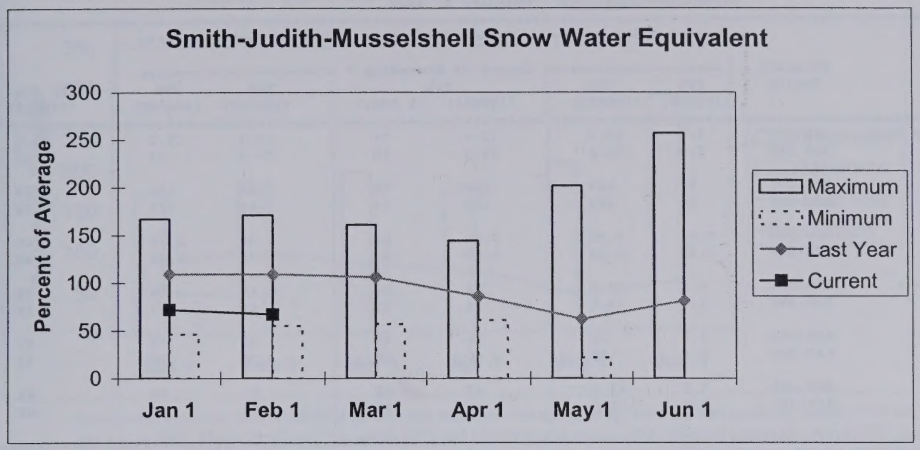
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

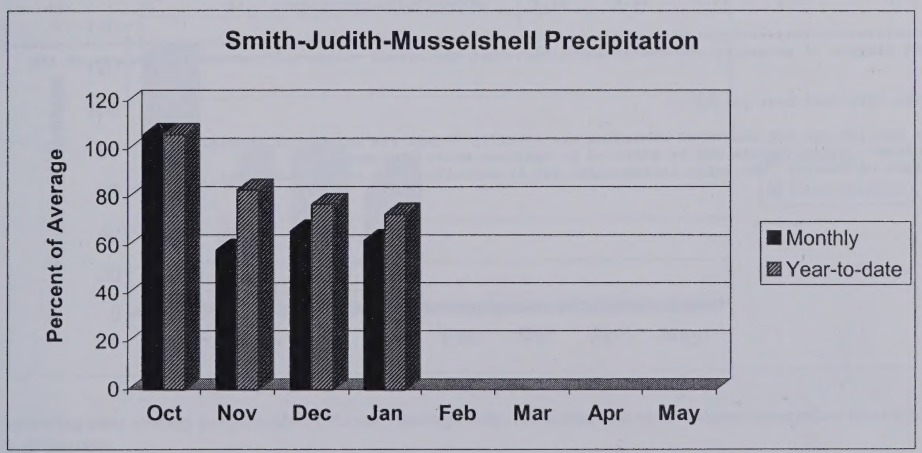
Smith-Judith-Musselshell River Basins

Snowpack conditions in the Smith-Judith-Musselshell River Basins were well below average and 5 percent below January 1. Snow water content in the Smith River Basin was 68 percent of average and 67 percent of last year; the Judith River Basin was 71 percent of average and 65 percent of last year; and the Musselshell Basin River was 62 percent of average and 53 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1988; February maximum swe was in 1978 and minimum swe was in 1987; March maximum swe was in 1978 and minimum swe was in 1987; April maximum swe was in 1970 and minimum swe was in 1992; and May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1967 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during January in the Smith-Belts was 64 percent of average and 64 percent of last year; in the Judith was 51 percent of average and 52 percent of last year; and in the Musselshell was 78 percent of average and 75 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 73 percent of average and 63 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 39 percent to 58 percent.

Smith River storage was 100 percent of average and 140 percent of last year; Bair storage was 78 percent of average and 175 percent of last year; Martinsdale storage was 28 percent of average and 100 percent of last year; and Deadman's Basin was 33 percent of average and 106 percent of last year.

Surface Water Supply Index (SWSI) was -2.3 in the Smith River and -2.4 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
SHEEP CREEK nr White Sulphur Spgs.	APR-JUL	7.5	10.4	12.4	73	14.4	17.2	17.1
	APR-SEP	9.5	12.8	15.0	75	17.0	21	20
SMITH RIVER abv Eagle Creek	APR-JUL	72	105	127	73	149	182	175
	APR-SEP	89	129	156	74	183	221	210
NF MUSSELSHELL nr Delpine	APR-JUL	0.61	1.80	2.80	61	3.80	5.20	4.60
	APR-SEP	0.69	2.30	3.40	63	4.50	6.20	5.40
SF MUSSELSHELL abv Martinsdale	APR-JUL	0.1	17.0	31	60	45	66	52
	APR-SEP	1.4	19.0	34	61	49	71	56
MUSSELSHELL at Harlowton (2)	APR-JUL	1.0	23	38	49	53	75	77
	APR-SEP	2.0	25	40	49	55	78	81
MUSSELSHELL nr Roundup (2)	APR-JUL	1.9	13.0	32	32	51	80	99
	APR-SEP	3.0	12.0	31	30	50	79	102

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
SMITH RIVER	10.6	6.3	4.5	6.3
BAIR	7.0	2.8	1.6	3.6
MARTINSDALE	23.1	2.8	2.8	10.1
DEADMAN'S BASIN	72.2	15.5	14.6	46.8

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SMITH	6	67	68
JUDITH	4	65	71
MUSSELSHELL	3	53	62
SMITH-JUDITH-MUSSELSHELL	10	62	67

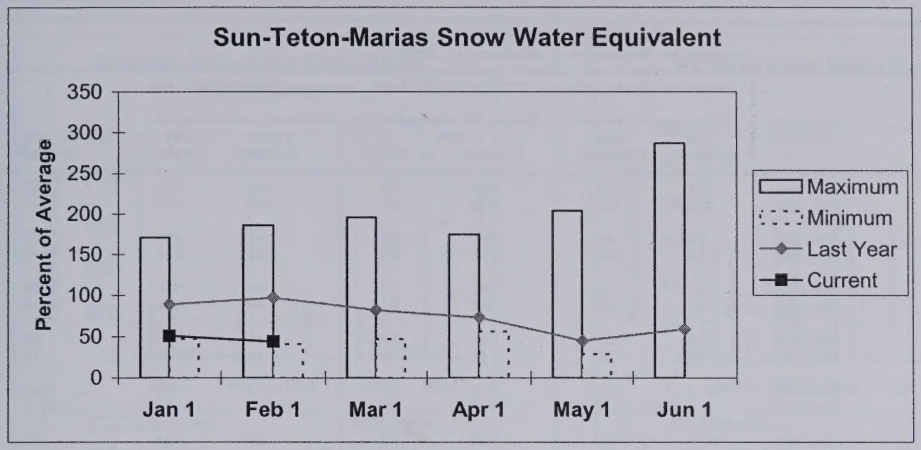
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

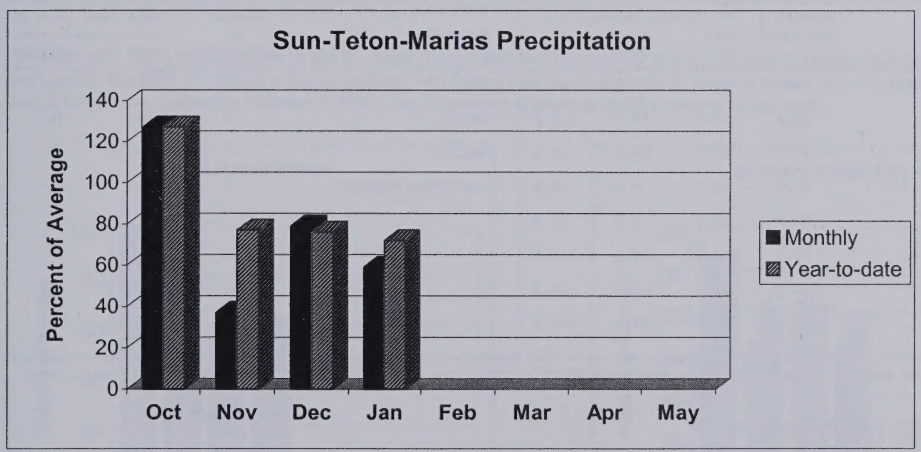
Sun-Teton-Marias River Basins

Snowpack conditions in the Sun-Teton-Marias River Basins were severely below average and decreased 8 percent from January 1. Snow water content in the Sun River Basin was 55 percent of average and 54 percent of last year; in the Teton River Basin was 39 percent of average and 42 percent of last year; and in the Marias River Basin was 39 percent of average and 41 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 1984; April maximum swe was in 1972 and minimum swe was in 1984 and 1998; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum was in 1972 and minimum swe was in 1987, 1992, and 1998. Average is for the period 1971 through 2000.

Mountain and valley precipitation during January in the Sun was 93 percent of average and 93 percent of last year; in the Teton was 73 percent of average and 66 percent of last year; and in the Marias was 48 percent of average and 48 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 72 percent of average and 75 percent of last year.



Assuming near average precipitation, February through July, the spring and early summer streamflow forecasts average 42 percent to 59 percent.

Gibson storage was 89 percent of average and 197 percent of last year; Pishkun storage was 108 percent of average and 99 percent of last year; Willow Creek storage was 121 percent of average and 139 percent of last year; Lower Two Medicine Lake storage was 138 percent of average and 0 percent of last year; Four Horns Lake storage was 116 percent of average; Swift storage was 131 percent of average and 125 percent of last year; Lake Frances storage was 53 percent of average and 76 percent of last year; and Lake Elwell (Tiber) storage was 112 percent of average and 95 percent of last year.

Surface Water Supply Index (SWSI) was -3.3 in the Sun River; -3.5 in the Teton River; -3.4 in the Birch/Dupuyer Creeks; -3.8 in the Marias River above Tiber, and -3.5 in the Marias below Tiber.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GIBSON Reservoir Inflow	APR-JUL	158	220	265	58	310	370	460
	APR-SEP	180	245	290	57	335	400	505
TWO MEDICINE RIVER nr Browning	APR-JUL	50	95	126	62	157	203	205
	APR-SEP	58	104	135	63	166	212	215
BADGER CREEK nr Browning (2)	APR-JUL	33	54	69	70	84	105	99
	APR-SEP	43	66	82	71	98	121	115
SWIFT RESERVOIR Inflow	APR-JUL	13.0	30	42	66	54	71	64
	APR-SEP	22	40	52	68	64	82	77
DUPUYER CREEK nr Valier	APR-JUL	2.3	5.7	8.2	59	14.7	24	14.0
	APR-SEP	2.6	6.5	9.2	59	16.1	26	15.7
CUT BANK CREEK at Cut Bank	APR-JUL	19.0	36	47	58	58	75	81
	APR-SEP	23	41	53	59	65	83	90
APR-JUL 22 130	APR-JUL	200	48	270	380	415	MARIAS RIVER nr Shelby (2)	
	APR-SEP	27	135	210	48	285	395	440
TETON nr Dutton	APR-JUL	2.0	10.8	25	49	39	60	51
	APR-SEP	2.4	14.8	29	49	43	64	59

SUN-TETON-MARIAS RIVER BASINS
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
GIBSON	99.1	40.9	20.8	45.8
PISHKUN	32.0	19.3	19.4	17.8
WILLOW CREEK	32.2	27.0	19.4	22.4
LOWER TWO MEDICINE LAKE	11.9	12.1	0.0	8.8
FOUR HORNS LAKE	19.2	13.8	0.2	11.9
SWIFT	30.0	20.3	16.3	15.5
LAKE FRANCES	112.0	35.2	46.1	66.8
LAKE ELWELL (TIBER)	1347.0	711.2	746.8	635.5

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SUN	2	54	55
TETON	3	40	38
MARIAS	4	42	39
SUN-TETON-MARIAS	7	45	44

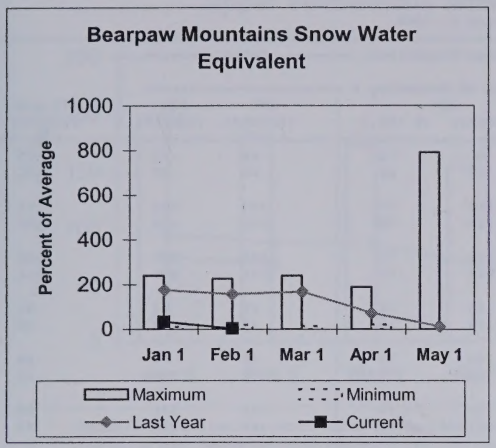
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

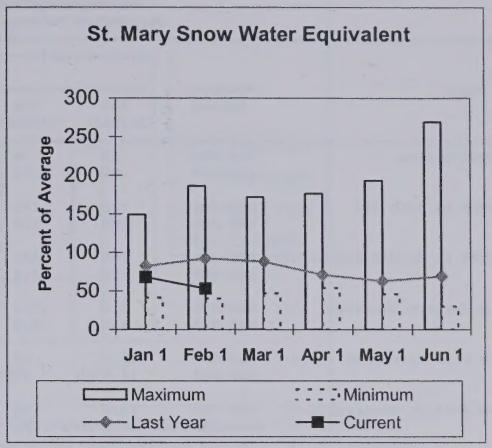
The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

St. Mary and Milk River Basins

Snowpack conditions in the St. Mary and Milk River Basins were severely below average and decreased 14 percent from January 1. Snow water content in the Saint Mary River Basin was 53 percent of average and 57 percent of last year. Snow water content in the Bearpaw Mountains was 3 percent of average and 2 percent of last year. Snow water content for the Cypress Hills in Canada was 66 percent of average.

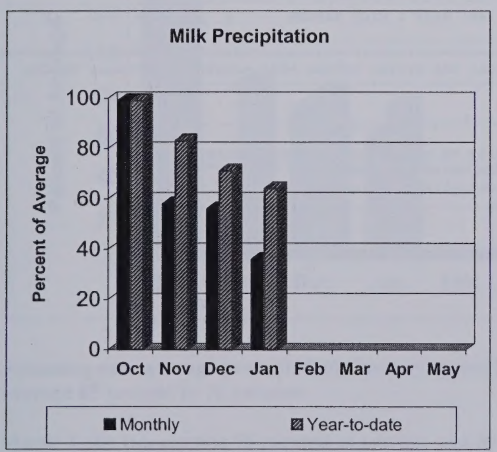


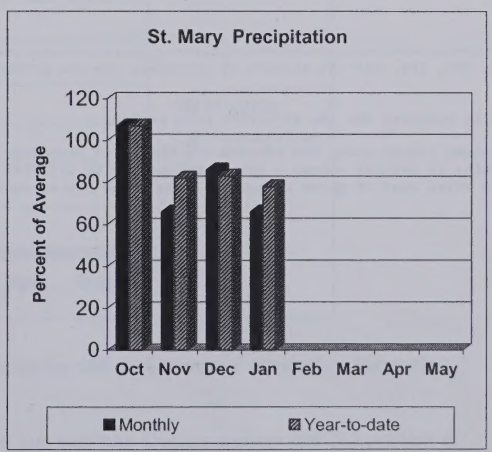


Bearpaw - January maximum swe was established in 1978 and minimum swe was in 1981; February maximum swe was 1978 and minimum was in 2001; March maximum swe was 1978 and minimum swe was 1995; April maximum swe was in 1985 and minimum swe was in 1973, 1983, and 1986; May maximum swe was 1975 and the minimum, 0.0, has occurred in several years. Average is for the period 1971 through 2000.

St. Mary - January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1967 and 1972 and minimum swe was in 2001; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1972 and minimum swe was 1992. Average is for the period 1971 through 2000.

Mountain and valley precipitation in the St. Mary River Basin during January was 66 percent of average and 62 percent of last year; and in the Milk River Basin during January was 36 percent of average and 20 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 73 percent of average and 64 percent of last year.





Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts in the St. Mary should average 69 percent to 76 percent and in the Milk should average 31 to 59 percent.

Lake Sherburne storage was 175 percent of average and 324 percent of last year; Fresno storage was 73 percent of average and 207 percent of last year; Beaver Creek storage was 136 percent of average and 167 percent of last year; and Nelson storage was 115 percent of average and 143 percent of last year.

Surface Water Supply Index (SWSI) was -2.2 for the Milk River..

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LAKE SHERBURNE Inflow	APR-JUL	65	74	80	76	86	95	105
	APR-SEP	70	78	84	69	90	98	122
ST. MARY RIVER nr Babb (2)	APR-JUL	235	270	295	77	320	355	385
	APR-SEP	285	325	350	78	375	415	450
ST. MARY RIVER at US/CAN Border (2)	APR-JUL	245	295	330	76	365	415	435
	APR-SEP	305	360	395	77	430	485	515
MILK RIVER @ Western Crossing (3)	MAR-JUL	7.0	15.6	28	68	45	63	41
	MAR-SEP	6.9	16.3	30	70	49	68	43
MILK RIVER @ Milk River, AB (2,3)	MAR-JUL	10.9	24	46	72	68	95	64
	MAR-SEP	11.1	25	50	72	74	103	69
MILK RIVER @ Eastern Crossing(2,3)	MAR-JUL	14.2	30	58	70	91	127	83
	MAR-SEP	14.0	31	63	72	97	135	88
BEAVER CREEK near Havre	MAR-JUL	0.48	1.25	2.40	25	4.51	7.61	9.60

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE SHERBURNE	64.3	42.1	13.0	24.0
FRESNO	127.0	36.6	17.7	50.1
BEAVER CREEK	3.5	3.0	1.8	2.2
NELSON	66.8	39.4	27.6	34.2

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
ST. MARY	2	57	53
BEARPAW MOUNTAINS	4	2	3
CYPRESS HILLS, CANADA	0	0	0
MILK RIVER BASIN	4	2	3
ST. MARY & MILK BASINS	6	39	42

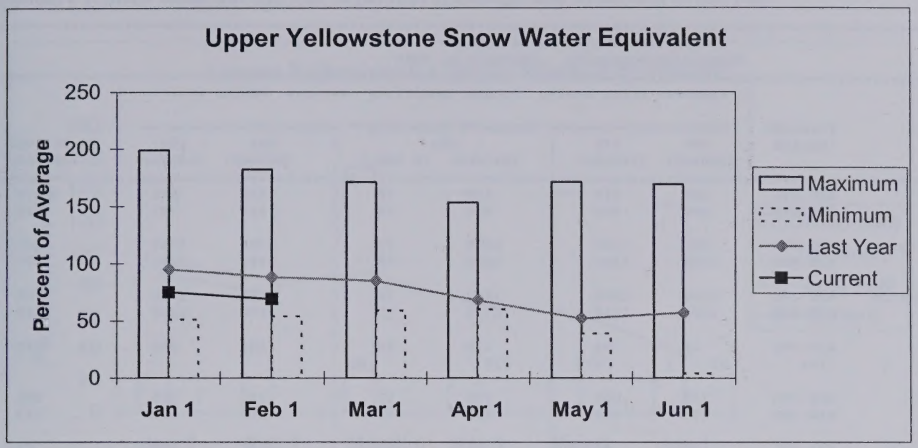
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

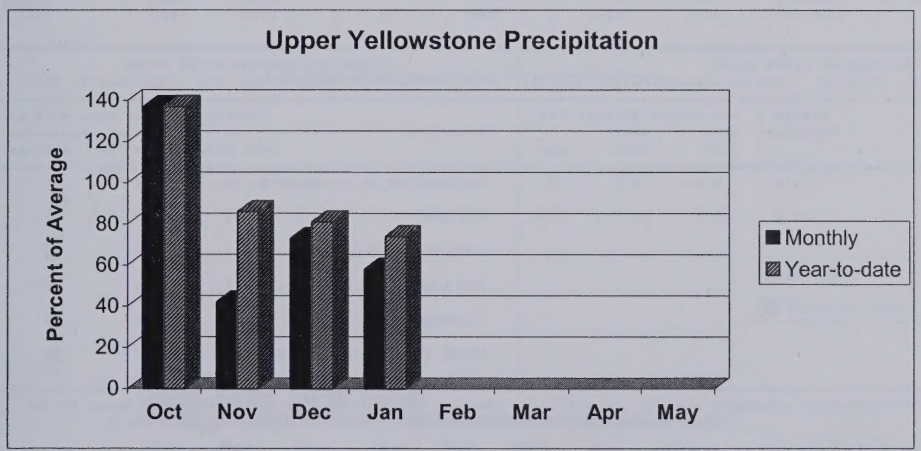
Upper Yellowstone River Basin

Snowpack conditions in the Upper Yellowstone River Basin were well below average and decreased 6 percent from January 1. Snow water content was 69 percent of average and 77 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1997 and minimum swe was in 2001; April maximum swe was in 1997 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1987; and June maximum swe was 1996 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during January was 57 percent of average and 78 percent of last year. Valley precipitation during January was 74 percent of average and 155 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 74 percent of average and 82 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 65 percent to 76 percent.

Mystic Lake storage was 75 percent of average and 80 percent of last year and Cooney storage was 133 percent of average and 118 percent of last year.

Surface Water Supply Index (SWSI) was -2.8 in the Yellowstone River above Livingston; -1.7 in the Shields River; -3.2 in the Boulder River; -2.6 in the Stillwater River; -3.5 in the Rock/Red lodge Creeks; -3.0 in the Clarks Fork River; and -2.9 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
YELLOWSTONE at Lake Outlet	APR-JUL	295	365	415	70	465	535	590
	APR-SEP	395	485	550	68	615	705	805
YELLOWSTONE RIVER at Corwin Springs	APR-JUL	980	1150	1270	77	1390	1560	1650
	APR-SEP	1180	1380	1520	77	1660	1860	1970
YELLOWSTONE RIVER near Livingston	APR-JUL	1190	1350	1450	76	1550	1710	1900
	APR-SEP	1450	1630	1750	77	1870	2050	2280
SHIELDS RIVER nr Livingston	APR-JUL	48	94	125	86	156	203	145
APR-SEP 53 106	APR-SEP	87	176	227	162			
BOULDER RIVER at Big Timber	APR-JUL	159	205	235	83	265	310	285
	APR-SEP	175	220	255	81	290	335	315
MYSTIC LAKE Reservoir Inflow (2)	APR-JUL	39	45	49	83	53	59	59
	APR-SEP	50	57	62	82	67	74	76
STILLWATER RIVER nr Absarokee (2)	APR-JUL	270	330	375	76	420	480	495
	APR-SEP	320	390	435	74	480	550	585
CLARKS FORK RIVER nr Belfry	APR-JUL	275	335	375	69	415	475	540
	APR-SEP	300	360	400	67	440	500	595
COONEY RESERVOIR Inflow (2)	APR-JUL	2.8	16.0	27	57	38	54	47
	APR-SEP	8.8	26	37	65	48	29	57
YELLOWSTONE RIVER at Billings (2)	APR-JUL	1850	2400	2770	79	3140	3690	3510
	APR-SEP	2180	2820	3260	79	3700	4340	4120

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MYSTIC LAKE	21.0	4.8	6.0	6.4
COONEY	27.4	20.8	17.7	15.6

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
YELLOWSTONE ab LIVINGSTON	15	78	70
SHIELDS	4	79	77
BOULDER-STILLWATER	3	87	73
RED LODGE-ROCK CREEK	1	51	53
CLARK'S FORK	7	75	64
UPPER YELLOWSTONE BASIN	26	77	69

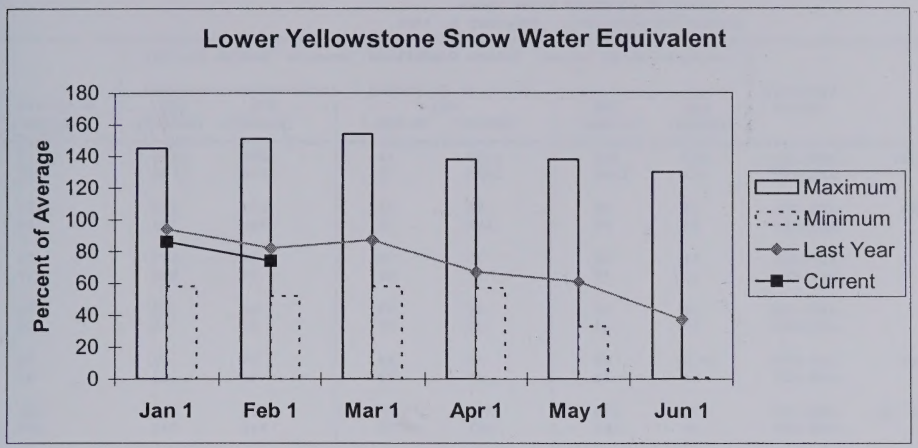
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.

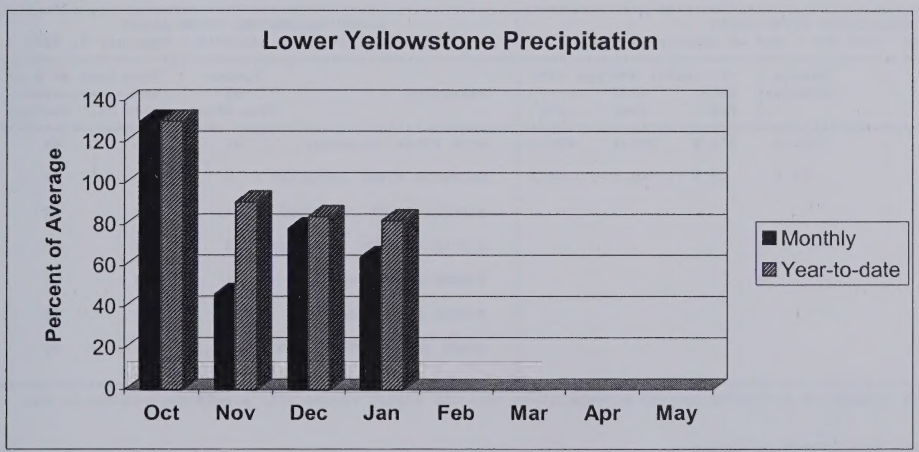
Lower Yellowstone River Basin

Snowpack conditions in the Lower Yellowstone River Basin were below average and decreased 12 percent from January 1. Snow water content was 74 percent of average and 90 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 2000; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1986 and minimum swe was in 2001; April maximum swe was in 1986 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1981; and June maximum swe was in 1995 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during January was 64 percent of average and 103 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2004, was 85 percent of average and 109 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 63 percent to 76 percent.

Bighorn Lake storage was 78 percent of average and 96 percent of last year and Tongue River storage was 174 percent of average and 86 percent of last year.

Surface Water Supply Index (SWSI) was -1.3 in the Bighorn River below Bighorn Lake; -3.8 in the Little Bighorn River; -2.2 in the Yellowstone River below Bighorn River; -3.5 in the Tongue River; and -1.9 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - February 1, 2005

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
BIGHORN RIVER nr St. Xavier (2)	APR-JUL	700	950	1120	70	1290	1540	1610
	APR-SEP	860	1130	1320	75	1510	1780	1760
LITTLE BIGHORN RIVER nr Hardin	APR-JUL	40	70	91	71	112	142	128
	APR-SEP	47	80	103	72	126	159	144
TONGUE RIVER nr Dayton (2)	APR-JUL	47	64	75	78	86	103	96
	APR-SEP	56	75	87	80	99	118	109
BIG GOOSE CREEK nr Sheridan	APR-JUL	21	35	44	85	53	67	52
	APR-SEP	27	41	50	83	59	73	60
LITTLE GOOSE CREEK nr Big Horn	APR-JUL	19.0	25	30	88	35	41	34
	APR-SEP	24	32	37	88	42	50	42
TONGUE RIVER RESERVOIR Inflow (2)	APR-JUL	79	134	172	78	212	267	220
	APR-SEP	93	151	191	76	231	291	250
YELLOWSTONE RIVER at Miles City (2)	APR-JUL	2730	3560	4130	77	4700	5530	5360
	APR-SEP	3130	4100	4760	77	5420	6390	6210
POWDER RIVER at Moorehead	APR-JUL	71	132	173	84	215	275	205
	APR-SEP	83	144	186	81	226	291	230
POWDER RIVER near Locate	APR-JUL	120	157	182	77	209	244	235
	APR-SEP	128	168	196	75	226	266	260
YELLOWSTONE RIVER nr Sidney (2)	APR-JUL	2730	3590	4170	76	4750	5610	5480
	APR-SEP	3120	4100	4770	76	5440	6420	6280

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Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BIGHORN LAKE	1356.0	670.6	699.3	859.5
TONGUE RIVER	79.1	39.5	45.8	22.7

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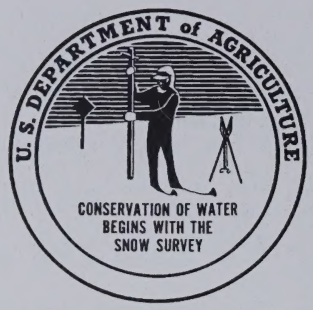
Watershed Snowpack Analysis - February 1, 2005

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WIND RIVER (Wyoming)	20	111	88
SHOSHONE RIVER (Wyoming)	7	72	58
BIGHORN RIVER (Wyoming)	21	78	65
LITTLE BIGHORN (Wyoming)	3	88	66
TONGUE RIVER (Wyoming)	11	83	65
POWDER RIVER (Wyoming)	9	81	75
LOWER YELLOWSTONE BASIN (	50	90	74

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level.



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Montana
Water Supply Outlook Report

Natural Resources Conservation Service
Bozeman, MT